



No. 38



20 SEPTEMBER 2003

UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Imagery and Mapping Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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**Visit the Maritime Safety Information Division website at
<http://pollux.nss.nima.mil/>**



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Imagery and Mapping Agency (NIMA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NIMA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other products produced by the National Imagery and Mapping Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Imagery and Mapping Agency (NIMA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NIMA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nima.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nima.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nima.mil.

Mariners are requested to notify NIMA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

Cover Photo: The **USS KEARSARGE (LHD-3)** is the third in a series of seven *WASP* class multipurpose amphibious assault ships built by Ingalls Shipbuilding in Pascagoula, MS. **KEARSARGE** is the fourth ship to bear this name, with an historical lineage that dates back to the Civil War. Hers is one of only two names that Congress has mandated the US Navy will always have a ship named. Her principal mission is to embark, deploy, land and support a Marine landing force. The ship is specifically designed to accommodate Air Cushion Landing Craft (LCAC) for fast troop movement over the beach, and AV-8B Harrier aircraft to provide close-in air support for the assault force. **KEARSARGE** can also carry as many as 26 Navy/USMC helicopters for troop movement, air support and Search and Rescue Operations. The ship's extensive medical facilities include six fully-equipped operating rooms and a 600-bed hospital for combat support, as well as for humanitarian missions during peacetime. Commissioned 16 October 1993, the **KEARSARGE** is 844 feet in length, has a beam of 110 feet, a draft of 28 feet and can accommodate a crew of 1,009 sailors and 73 officers. During her recent deployment in support of Operation Enduring/Iraqi Freedom, the **KEARSARGE** served as the flagship for Commander, Amphibious Task Force EAST, and carried more than 1,700 Marines from the Second Marine Expeditionary Brigade to the Northern Arabian Gulf. The homeport of the **KEARSARGE** is Norfolk, Virginia.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 38/03

HYDROGRAM

**National Imagery and Mapping Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

20 September 2003

DISCONTINUANCE OF 121.5 AND 243 MHZ FOR SATELLITE DISTRESS ALERTS TO BEGIN

THE INTERNATIONAL COSPAS-SARSAT PROGRAM HAS ANNOUNCED PLANS TO TERMINATE SATELLITE PROCESSING OF DISTRESS SIGNALS FROM 121.5 AND 243 MHZ EMERGENCY BEACONS. SEE SECTION III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

★ indicates that it is based upon original U.S. source information.

T indicates that it is temporary in nature.

P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.

The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter N is not a part of the chart number.

The letter L preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.

Courses and bearings are given in degrees true.

Light sectors are expressed in degrees true from the vessel TOWARD the light.

The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.

The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.

Section I-2* contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.

Section I-3 lists all NIMA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NIMA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NIMA List of Lights.

Section II-5 lists all NIMA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

**SECTION I
CHART CORRECTIONS**

NM 38/03

601 (INT 601)	4Ed. 11/4/95	LAST NM 27/03	38/03		
Add	Submarine cable [L30.1] between	38°39'S 145°42'E		(NOS)	Position circle "Dols" [F20] 29°44'43.6"N 95°05'55.0"W
	(15/497)03 Wollongong)	40°45'S 145°18'E			
602 (INT 602)	6Ed. 2/3/96	LAST NM 6/03	38/03		
Delete	Depth 36 meters, blue tint and enclosing dotted-line circle	32°00'S 166°57'E			
	(13/421)03 Wollongong)				
604 (INT 604)	5Ed. 6/22/96	LAST NM 18/02	38/03		
Delete	Depth 1083 meters	12°49'S 166°39'E			
Add	Depth 56 meters, blue tint and enclosing depth contour (200-meter) centered	12°42'S 166°38'E			
	(15/498)03 Wollongong)				
1115A	Ed. 10/02	LAST NM 37/03	38/03		
Delete	Platform	29°32.2'N 88°17.8'W			
	(33/03 CG8)				
1116A	Ed. 11/02	LAST NM 37/03	38/03		
Add	Platform [L10]	27°18.2'N 93°32.3'W			
	Position circle "Pipe" [L23] (PA)	29°36.2'N 92°47.5'W			
	(33/03 CG8)				
11004	7Ed. 10/29/94	LAST NM 37/03	38/03		
Add	Platform [L10]	27°18.2'N 93°32.3'W			
	(33/03 CG8)				
★11013	45Ed. 7/03	NEW EDITION	38/03		
Add	Wreck [K29] "Rep (2003)" (PA)	26°06.2'N 80°01.2'W			
	(Previously published 31/03)				
Add	Buoy (mooring) "SSRNM", Q [Q41] (Navy)	24°54.0'N 77°49.0'W			
	(Previously published 34/03)				
Delete	Light	22°02.7'N 80°53.5'W			
Add	Light Fl 10M	22°03.9'N 81°02.4'W			
	"Prohibited Area" [N2.2] bound by shore and purple composite line joining	22°03.0'N 81°16.0'W 21°45.0'N 81°20.0'W 21°40.0'N 81°03.0'W 21°50.0'N 80°35.0'W 22°02.0'N 80°29.0'W			
	"Explosives Dumping Area" [N23.1] bound by purple dashed-line circle, radius 5 miles, centered	21°23.1'N 80°25.1'W			
	Purple circle (racon symbol) at light	21°04.3'N 75°37.3'W			
	(NOS; 9(119)00, 1(5), 10(74), 12(96)02 Habana; Cuba LL)				
11323	59Ed. 3/30/02	LAST NM 35/03	38/03		
Delete	Dangerous wreck (PA)	29°20'18"N 94°41'22"W			
Substitute	Depth 22 feet Wks [K26] for 17 feet Wks	29°20'29"N 94°40'45"W			
	(NOS)				
★11324	32Ed. 3/16/02	LAST NM 37/03	38/03		
Delete	Dangerous wreck (PA)	29°20'18.0"N 94°41'21.8"W			
	Danger circle "Obstn" (PA)	29°24'40.2"N 94°49'31.2"W			
Substitute	Depth 22 feet Wk [K26] for 17 feet Wk	29°20'28.7"N 94°40'45.0"W			
	(NOS)				
★11325	35Ed. 5/03	LAST NM 26/03	38/03		
Delete	Position circle "Subm dols"	29°44'44.1"N 95°05'55.4"W			
	Position circle "Subm dol"	29°44'43.4"N 95°06'02.8"W			
	Legend "Obstn" and arrow	29°44'28.1"N 95°11'51.3"W			
	Position circle "Subm pile"	29°44'18.2"N 95°12'16.4"W			
	Dangerous wreck (PA)	29°43'39.7"N 95°15'27.8"W			
Add	Position circle "Dol (lighted)" [F20]	29°44'46.1"N 95°05'57.7"W			
	Position circle "Subm pile" [F22]	29°43'40.2"N 95°15'27.2"W			
11326	31Ed. 10/02	LAST NM 35/03	38/03		
Delete	Position circle "Obstn...1995"	29°33'31"N 94°54'56"W			
Delete	(Page B, Inset 3) Position circle "Mkr"	29°28'37.9"N 94°51'37.3"W			
	Danger circle "Obstn...rep"	29°28'49.8"N 94°51'35.3"W			
	Dangerous wreck (PD)	29°29'10.9"N 94°51'38.3"W			
	Position circle "Subm pipe"	29°30'09.1"N 94°52'05.9"W			
	Ruins "Subm...15ft"	29°30'13.3"N 94°52'12.8"W			
	Dangerous wreck	29°30'13.3"N 94°52'06.2"W			
	Dangerous wreck (PD)	29°31'19.2"N 94°53'24.3"W			
	Dangerous wreck "Awash" (PA)	29°30'12.7"N 94°52'14.8"W			
Add	Position circle "Subm pipe" [L21.1]	29°30'08.8"N 94°52'07.3"W			
Delete	(Page C) Dangerous wreck (PA)	29°20'18"N 94°41'22"W			
	Danger circle "Obstn" (PA)	29°24'40"N 94°49'31"W			
	Position circle "Mkr"	29°28'37"N 94°51'38"W			
	Danger circle "Obstn...rep"	29°28'50"N 94°51'35"W			
	Dangerous wreck	29°29'10"N 94°51'39"W			
	Dangerous wreck "Awash" (PA)	29°30'12"N 94°52'15"W			
	Ruins "Subm...15ft"	29°30'14"N 94°52'12"W			
	Dangerous wreck	29°30'13"N 94°52'06"W			
	Dangerous wreck (PD)	29°31'19"N 94°53'24"W			
	Position circle "Obstn...1995"	29°33'31"N 94°54'56"W			
Substitute	Depth 22 feet Wks [K26] for 17 feet Wks	29°20'29"N 94°40'45"W			
	(NOS)				
★11327	30Ed. 5/26/01	LAST NM 35/03	38/03		
Delete	Danger circle "Obstn" (PA)	29°24'39.9"N 94°49'31.7"W			
	Position circle "Marker"	29°28'37.8"N 94°51'38.0"W			
	Danger circle "Obstn...rep"	29°28'49.9"N 94°51'35.8"W			
	Dangerous wreck (PD)	29°29'10.3"N 94°51'38.7"W			
	Position circle "Subm pipe"	29°30'09.2"N 94°52'06.1"W			
	Dangerous wreck (PA)	29°30'12.0"N 94°52'14.8"W			
	Ruins "Subm...15ft"	29°30'12.2"N 94°52'11.3"W			
	Dangerous wreck	29°30'12.9"N 94°52'06.7"W			
	Dangerous wreck (PD)	29°31'19.1"N 94°53'24.3"W			
	Danger circle "Obstn...1995"	29°33'31.0"N 94°54'54.9"W			
Add	Position circle "Subm pipe" [L21.1]	29°30'08.8"N 94°52'07.3"W			
	(NOS)				
11329	34Ed. 1/12/02	LAST NM 36/03	38/03		
Delete	Position circle "Subm dols"	29°44'44.0"N 95°05'55.4"W			
	Position circle "Subm dol"	29°44'43.3"N 95°06'03.0"W			
Add	Position circle "Dol (lighted)" [F20]	29°44'46.1"N 95°05'57.7"W			
	Position circle "Dols" [F20]	29°44'43.6"N 95°05'55.0"W			
	(NOS)				
11330	14Ed. 11/02	LAST NM 36/03	38/03		
Delete	Dangerous wreck (PA)	29°20.3'N 94°41.4'W			
Add	Position circle "Pipe" [L23] (PA)	29°36.2'N 92°47.5'W			
	(NOS; 33/03 CG8)				
★11340	68Ed. 6/03	LAST NM 37/03	38/03		
Add	Platform [L10]	27°18.2'N 93°32.3'W			
	Position circle "Pipe" [L23] (PA)	29°36.2'N 92°47.5'W			
	(33/03 CG8)				
★11341	39Ed. 2/03	LAST NM 37/03	38/03		
Add	Platform [L10]	29°38'57"N 93°30'50"W			
	Platform [L10]	29°39'45"N 93°24'23"W			
	(33/03 CG8)				
★11344	35Ed. 12/02	LAST NM 34/03	38/03		
Add	Position circle "Pipe" [L23] (PA)	29°36'11"N 92°47'32"W			
	(33/03 CG8)				

SECTION I

NM 38/03

11545	60Ed. 9/1/02	LAST NM 35/03	38/03						
	Change	Shape of buoy "A" to nun	34°37'56"N 76°42'25"W						
		(28/03 CG5)							
★11547	35Ed. 3/30/02	LAST NM 35/03	38/03						
	Change	Shape of buoy "A" to nun	34°37'57.1"N 76°42'24.4"W						
		(28/03 CG5)							
★12272	29Ed. 4/20/02	LAST NM 33/03	38/03						
	Change	Range light, rear to Oc 4s 51ft, Fl 2.5s 25ft 5M	39°03'14"N 76°17'25"W						
		(See 30/03-12272)							
		(28/03 CG5)							
12273	53Ed. 4/13/02	LAST NM 33/03	38/03						
	Change	Range light, rear to Oc 4s 51ft, Fl 2.5s 25ft 5M	39°03'16"N 76°17'25"W						
		(See 30/03-12273)							
		(28/03 CG5)							
12278	72Ed. 4/20/02	LAST NM 33/03	38/03						
	Change	Range light, rear to Oc 4s 51ft, Fl 2.5s 25ft 5M	39°03'15"N 76°17'25"W						
		(See 30/03-12278)							
		(28/03 CG5)							
12280	3Ed. 7/02	LAST NM 33/03	38/03						
	Change	Range light, rear to Oc 4s 51ft, Fl 2.5s 25ft 5M	39°03.3'N 76°17.5'W						
		(28/03 CG5)							
★12281	49Ed. 5/13/00	LAST NM 25/03	38/03						
	Delete	Buoy "SM"	39°14'49.7"N 76°32'24.1"W						
		Buoy "3"	39°14'24.7"N 76°32'38.2"W						
		Buoy "7"	39°14'41.7"N 76°32'29.2"W						
		Buoy "9"	39°14'48.7"N 76°32'31.0"W						
		Buoy "10"	39°15'01.0"N 76°32'33.0"W						
		Buoy "11"	39°15'03.6"N 76°32'42.9"W						
	Relocate	Buoy "8" from 39°13'44.0"N 76°32'20.0"W							
		to 39°13'42.6"N 76°32'18.3"W							
		Buoy "10" from 39°14'15.1"N 76°32'52.3"W							
		to 39°14'16.4"N 76°32'53.9"W							
		Buoy "14" from 39°14'49.7"N 76°33'29.2"W							
		to 39°14'46.9"N 76°33'26.2"W							
		Buoy "18" from 39°15'17.5"N 76°33'57.8"W							
		to 39°15'19.3"N 76°34'00.2"W							
		Buoy "3" from 39°14'01.9"N 76°32'18.1"W to							
		39°14'00.8"N 76°32'18.2"W							
		Buoy "4" from 39°14'02.1"N 76°32'10.7"W to							
		39°14'01.6"N 76°32'09.1"W							
		Buoy "6" from 39°14'18.9"N 76°31'51.0"W to							
		39°14'18.8"N 76°31'50.0"W							
		Buoy "7" from 39°14'22.0"N 76°32'08.9"W to							
		39°14'22.1"N 76°32'09.8"W							
		Buoy "1LE" from							
		39°15'25.4"N 76°35'28.1"W to							
		39°15'23.5"N 76°35'28.8"W							
		Buoy "2" from							
		39°15'27.7"N 76°35'24.9"W to							
		39°15'25.7"N 76°35'22.4"W							
		Buoy "2SE" from							
		39°14'21.5"N 76°32'34.5"W to							
		39°14'18.7"N 76°32'37.2"W							
		Buoy "D" from 39°14'59.3"N 76°33'14.4"W							
		to 39°14'58.1"N 76°33'08.7"W							
		and change designation to "B"							
		Buoy "2" from 39°13'53.3"N 76°32'18.2"W to							
		39°13'52.7"N 76°32'17.6"W							
		and change designation to "2DE"							
		Buoy "3" from 39°15'38.4"N 76°35'32.8"W to							
		39°15'38.9"N 76°35'35.2"W							
		and change designation to "5"							
		Buoy "F" from 39°14'53.1"N 76°33'52.5"W to							
		39°14'52.5"N 76°33'53.6"W							
		and change designation to "C"							
		Buoy "5" from 39°14'32.0"N 76°32'32.7"W to							
		39°14'32.2"N 76°32'33.6"W							
		and change designation to "3"							
	Add	Buoy "4" R, nun	39°15'31.1"N 76°35'25.2"W						
		Buoy "5" QG	39°14'41.2"N 76°32'28.3"W						
		Buoy "6" R, nun	39°14'54.5"N 76°32'28.3"W						
		Buoy "7" Fl G 4s	39°15'06.4"N 76°32'46.1"W						
		Buoy "1C" G, can	39°14'55.3"N 76°32'21.5"W						
		(28/03 CG5)							
★12311	42Ed. 8/03	NEW EDITION	38/03						
	Add	Danger circle "Obstn" [K40]	39°40'46"N 75°31'02"W						
		(NOS; 18/03 CG5)							
★12354	40Ed. 8/03	NEW EDITION	38/03						
		(NOS)							
★14007	Ed. 12/28/91	NEW CHART	N38/03						
		(NIMA)							
★14008	76Ed. 1/28/95	CHART CANCELED	38/03						
		(NIMA)							
★14143	Ed. 3/27/87	NEW CHART	N38/03						
		(NIMA)							
★14144	29Ed. 3/23/85	CHART CANCELED	38/03						
		(NIMA)							
14151	2Ed. 6/3/95	LAST NM 34/03	38/03						
	Change	Characteristic of light to Fl G 6s	46°05'48"N 62°27'12"W						
		(Can LL)							
14169	2Ed. 2/11/95	LAST NM 32/03	38/03						
	Delete	Light	45°39'42.0"N 62°43'06.0"W						
		(Can LL)							
14173	2Ed. 1/28/95	LAST NM 15/01	38/03						
	Add	Light QG	46°13'51.4"N 63°07'15.4"W						
		(Can LL)							
★14176	Ed. 8/2/02	NEW CHART	N38/03						
		(NIMA)							
14180	38Ed. 2/18/95	LAST NM 36/03	38/03						
	Add	Light Iso R 2s 26ft 12M	48°47.6'N 64°13.6'W						
		(Can LL)							
★14183	15Ed. 1/14/95	CHART CANCELED	38/03						
		(NIMA)							
14186	2Ed. 2/25/95	LAST NM 36/03	38/03						
	Add	Light Iso R 2s 26ft 12M	48°47'33"N 64°13'36"W						
		(Can LL)							
★14187	2Ed. 2/11/95	CHART CANCELED	38/03						
		(NIMA)							
★14191	Ed. 11/16/01	NEW CHART	N38/03						
		(NIMA)							
★14192	Ed. 3/18/88	NEW CHART	N38/03						
		(NIMA)							
★14193	Ed. 7/9/99	NEW CHART	N38/03						
		(NIMA)							
★14196	Ed. 4/26/02	NEW CHART	N38/03						
		(NIMA)							
★14197	Ed. 4/12/02	NEW CHART	N38/03						
		(NIMA)							

★14200	2Ed. 1/14/95	CHART CANCELED	38/03
(NIMA)			
★14201	15Ed. 5/20/95	CHART CANCELED	38/03
(NIMA)			
★14204	21Ed. 3/4/95	CHART CANCELED	38/03
(NIMA)			
★14205	7Ed. 3/25/95	CHART CANCELED	38/03
(NIMA)			
★14208	28Ed. 9/16/95	CHART CANCELED	38/03
(NIMA)			
★14209	Ed. 11/5/99	NEW CHART	N38/03
(NIMA)			
★14212	Ed. 7/28/00	NEW CHART	N38/03
(NIMA)			
★14223	18Ed. 7/15/95	CHART CANCELED	38/03
(NIMA)			
18423	33Ed. 10/02	LAST NM 36/03	38/03
	(Page E)		
Delete	Legend "Floating...buoys"	48°58'52"N 122°13'07"W	
	Legend "(see note J)"	48°58'30"N 122°12'00"W	
	Note "J"	48°57'52"N 122°24'33"W	
	(See 34/03-18423)		
Add	Legend "Floating and submerged obstructions exist between buoys"	47°59'40"N 122°11'40"W	
	Legend "(see note J)"	47°58'22"N 122°12'42"W	
	Note		
	"NOTE J		
	Floating security barriers have been installed at various U.S. Naval installations throughout Puget Sound. The barriers are marked by numerous quick flashing yellow (QY) lights and approximately mark the Restricted Areas surrounding the facility. (CFR 334.1215)"		
		47°58'10"N 122°25'00"W	
	(17/03 CG13)		
18440	26Ed. 12/02	LAST NM 34/03	38/03
Add	Buoy (mooring) [Q44] with legend "Buoys (4)"	47°45.1'N 122°43.5'W	
	(NTM0022/2003)		
18441	42Ed. 5/02	LAST NM 34/03	38/03
Add	Buoy (mooring) [Q44] with legend "Buoys (4)"	47°45'05"N 122°43'28"W	
	(NTM0022/2003)		
18445	29Ed. 2/24/01	LAST NM 36/03	38/03
	(Page B, Inset 6)		
Add	Buoy W Or (Priv)	47°15'53"N 122°26'07"W	
	Buoy W Or (Priv)	47°15'49"N 122°26'11"W	
	Buoy W Or (Priv)	47°15'46"N 122°26'14"W	
	Buoy "1" G, can (Priv)	47°15'57"N 122°26'00"W	
	Buoy "2" R, nun (Priv)	47°15'59"N 122°25'58"W	
	Buoy "3" G, can (Priv)	47°15'52"N 122°25'57"W	
	(Page E)		
Add	Buoy mooring [Q44] with legend "Buoys (4)"	47°45'05"N 122°43'28"W	
	(27/03 CG13; NTM0022/2003)		
18452	16Ed. 10/2/99	LAST NM 34/03	38/03
Delete	Note	47°34'12"N 122°30'00"W	
	(See 34/03-18452)		

Add	Note		
	"NOTE D		
	Floating security barriers have been installed at various U.S. Naval installations throughout Puget Sound. The barriers are marked by numerous quick flashing yellow (QY) lights and approximately mark the Restricted Areas surrounding the facility. (CFR 334.1240)"		
		47°34'12"N 122°39'40"W	
	(15/03 CG13)		
★18453	24Ed. 1/03	LAST NM 36/03	38/03
Add	Buoy W Or (Priv)	47°15'53.1"N 122°26'06.6"W	
	Buoy W Or (Priv)	47°15'49.3"N 122°26'10.5"W	
	Buoy W Or (Priv)	47°15'45.6"N 122°26'14.3"W	
	Buoy "1" G, can (Priv)	47°15'57.1"N 122°26'00.2"W	
	Buoy "2" R, nun (Priv)	47°15'58.6"N 122°25'57.7"W	
	Buoy "3" G, can (Priv)	47°15'52.3"N 122°25'56.6"W	
	(27/03 CG13)		
18455	2Ed. 3/7/98	LAST NM N34/03	N38/03
Add	Buoy (mooring) [Q40] "M1"	47°45'09.6"N 122°43'25.8"W	
	Buoy (mooring) [Q40] "M2"	47°45'05.4"N 122°43'27.6"W	
	Buoy (mooring) [Q40] "M3"	47°45'01.2"N 122°43'29.4"W	
	Buoy (mooring) [Q40] "M4"	47°44'57.0"N 122°43'31.2"W	
	(NTM0022/2003)		
★18458	15Ed. 3/03	LAST NM 34/03	38/03
Add	Buoy (mooring) [Q40] "M1"	47°45'10"N 122°43'26"W	
	Buoy (mooring) [Q40] "M2"	47°45'05"N 122°43'28"W	
	Buoy (mooring) [Q40] "M3"	47°45'01"N 122°43'29"W	
	Buoy (mooring) [Q40] "M4"	47°44'57"N 122°43'31"W	
	(NTM0022/2003)		
18459	5Ed. 5/16/98	LAST NM N34/03	N38/03
Add	Buoy (mooring) [Q40] "M1"	47°45'09.6"N 122°43'25.8"W	
	Buoy (mooring) [Q40] "M2"	47°45'05.4"N 122°43'27.6"W	
	Buoy (mooring) [Q40] "M3"	47°45'01.2"N 122°43'29.4"W	
	Buoy (mooring) [Q40] "M4"	47°44'57.0"N 122°43'31.2"W	
	(NTM0022/2003)		
18473	7Ed. 12/02	LAST NM 34/03	38/03
Add	Buoy (mooring) [Q40] "M1"	47°45'10"N 122°43'26"W	
	Buoy (mooring) [Q40] "M2"	47°45'05"N 122°43'28"W	
	Buoy (mooring) [Q40] "M3"	47°45'01"N 122°43'29"W	
	Buoy (mooring) [Q40] "M4"	47°44'57"N 122°43'31"W	
	(NTM0022/2003)		
18474	7Ed. 8/02	LAST NM 36/03	38/03
Add	Buoy W Or (Priv)	47°15'53"N 122°26'07"W	
	Buoy W Or (Priv)	47°15'49"N 122°26'11"W	
	Buoy "1" G, can (Priv)	47°15'57"N 122°26'00"W	
	Buoy "2" R, nun (Priv)	47°15'59"N 122°25'58"W	
	Buoy "3" G, can (Priv)	47°15'52"N 122°25'57"W	
	(27/03 CG13)		
18476	4Ed. 2/7/98	LAST NM 34/03	38/03
Delete	Note	47°44'00"N 122°50'00"W	
	(See 34/03-18476)		
Add	Note		
	"NOTE D		
	Floating security barriers have been installed at various U.S. Naval installations throughout Puget Sound. The barriers are marked by numerous quick flashing yellow (Q Y) lights and approximately mark the Restricted Areas surrounding the facility. (CFR 334.1220)"		
		47°44'00"N 122°54'00"W	
	Buoy (mooring) [Q40] "M1"	47°45'10"N 122°43'26"W	
	Buoy (mooring) [Q40] "M2"	47°45'05"N 122°43'28"W	
	Buoy (mooring) [Q40] "M3"	47°45'01"N 122°43'29"W	
	Buoy (mooring) [Q40] "M4"	47°44'57"N 122°43'31"W	
	(15/03 CG13; NTM0022/2003)		
18640	24Ed. 7/8/00	LAST NM 26/03	38/03
Add	Purple composite line (inside limit of traffic lane) [N2.2] between	37°46.9'N 122°35.4'W	
		37°46.5'N 122°35.2'W	

(continued on next page)

18640	(Continued)				
		Legend "SECURITY ZONE 116.1183 (see note A)"	37°48.0'N 122°35.1'W		
	(NOS)				
18645	24Ed. 7/1/00	LAST NM 33/03		38/03	
	Add	Purple composite line (inside limit of traffic lane) [N2.2] between	37°46'54"N 122°35'24"W 37°46'30"N 122°35'12"W		
		Legend "SECURITY ZONE 165.1183 (see note A)"	37°46'54"N 122°34'36"W		
	(NOS)				
★18649	62Ed. 8/11/01	LAST NM 33/03		38/03	
	Add	Purple composite line (inside limit of traffic lane) [N2.2] between	37°46'54"N 122°35'24"W 37°46'30"N 122°35'12"W		
		Legend "SECURITY ZONE 165.1183 (see note A)"	37°46'55"N 122°34'43"W		
	(NOS)				
18680	30Ed. 3/3/01	LAST NM 35/03		38/03	
	Add	Purple composite line (inside limit of traffic lane) [N2.2] between	37°46.9'N 122°35.4'W 37°46.5'N 122°35.2'W		
		Legend "SECURITY ZONE 165.1183 (see note A)"	37°45.8'N 122°34.1'W		
	(NOS)				
18741	18Ed. 9/9/95	LAST NM N27/03		N38/03	
	Delete	Buoy "Y"	32°41.0'N 117°24.4'W		
		(NTM0022/2003)			
18768	4Ed. 3/11/95	LAST NM N36/03		N38/03	
	Delete	Buoy	32°41'00"N 117°24'24"W		
		(NTM0022/2003)			
★21255	19Ed. 10/29/94	LAST NM 15/95		38/03	
	Add	(Plan) Position circle "Tr" [E20]	12°29'19.0"N 87°10'05.8"W		
		Land tint to area (floating power plant) bound by solid line joining	12°29'19.0"N 87°10'03.2"W 12°29'19.3"N 87°10'02.3"W 12°29'17.3"N 87°10'01.8"W 12°29'17.0"N 87°10'02.8"W		
		Double solid line with land tint (pier) [F14] between	12°29'17.6"N 87°10'06.0"W 12°29'18.4"N 87°10'03.2"W		
		Hulk [F34] centered	12°29'09.8"N 87°10'04.2"W		
		(NTM0025/2003)			
22008	35Ed. 9/6/97	LAST NM 32/03		38/03	
	Add	Wreck [K29]	8°05.1'S 80°07.1'W		
		(7(48)03 Callao)			
22082	4Ed. 4/13/96	LAST NM 25/03		38/03	
	Delete	Buoy "16"	1°49'27.4"N 78°43'21.1"W		
		(See 17/02-22082)			
	Relocate	Buoy from 1°51'38.9"N 78°46'01.5"W to 1°51'46.0"N 78°46'08.0"W			
		Buoy "1" from 1°51'14.0"N 78°44'59.0"W to 1°51'21.0"N 78°45'04.0"W			
		Buoy "2" from 1°51'12.0"N 78°45'08.0"W to 1°51'13.0"N 78°45'07.0"W			
		Buoy "5" from 1°50'46.2"N 78°43'58.0"W to 1°50'49.0"N 78°43'58.0"W			
		Buoy "6" from 1°50'41.1"N 78°43'59.2"W to 1°50'44.0"N 78°43'59.0"W			
		Buoy "7" from 1°50'40.0"N 78°43'46.8"W to 1°50'45.0"N 78°43'46.0"W			
		Buoy "8" from 1°50'36.3"N 78°43'47.9"W to 1°50'40.0"N 78°43'48.0"W			
		Buoy "9" from 1°50'37.0"N 78°43'25.8"W to 1°50'48.0"N 78°43'27.0"W			
		Buoy "10" from 1°50'35.5"N 78°43'31.1"W to 1°50'43.0"N 78°43'30.0"W			
		Buoy "11" from 1°50'22.8"N 78°43'17.1"W to 1°50'24.0"N 78°43'16.0"W			
		Buoy "13" from 1°49'54.7"N 78°43'12.5"W to 1°49'57.0"N 78°43'10.0"W			
		Buoy "14" from 1°49'47.8"N 78°43'21.9"W to 1°49'49.0"N 78°43'19.0"W			
		Buoy "18" from 1°49'08.2"N 78°43'40.2"W to 1°49'10.0"N 78°43'37.0"W			
	Change	Caution note to "CAUTION The buoyed entrance channel to Tumaco Inner Harbor may not agree with charted depths. Mariners are advised to exercise caution and consult local authorities when approaching Tumaco Inner Harbor."			
			1°49'25.0"N 78°42'25.0"W		
	Add	Buoy "16" R, pillar, Fl R 5s Buoy (mooring) [Q40]	1°49'09.0"N 78°43'37.0"W 1°49'11.0"N 78°43'43.0"W		
		(119/03 Bogota)			
22130	2Ed. 6/22/96	LAST NM 32/03		38/03	
	Add	Wreck [K29]	8°05'06"S 80°07'06"W		
		(7(48)03 Callao)			
22284	7Ed. 3/11/85	LAST NM N10/03		N38/03	
	Add	Buoy, pillar, Fl(2) Y 9s	30°17'30"S 71°34'03"W		
		Buoy, pillar, Fl(2) Y 9s	30°16'06"S 71°34'09"W		
		Buoy, pillar, Fl(2) Y 9s	30°15'21"S 71°33'08"W		
		Buoy, pillar, Fl(2) Y 9s	30°14'35"S 71°32'10"W		
		Buoy, pillar, Fl(2) Y 9s	30°15'13"S 71°31'05"W		
		Buoy, pillar, Fl(2) Y 9s	30°16'02"S 71°30'11"W		
		(6(84)03 Valparaiso)			
22293	15Ed. 3/9/96	LAST NM 37/03		38/03	
	Substitute	Buoy, cylindrical, Q for beacon	31°53.7'S 71°31.4'W		
		(6(85)03 Valparaiso)			
22313	2Ed. 10/12/96	LAST NM 18/03		38/03	
	Change	Light to Fl 8s 5m 6M with visible sector 255°-053°	36°38'42"S 73°03'48"W		
		(6(86)03 Valparaiso)			
24375	2Ed. 8/22/98	LAST NM 34/02		38/03	
	Delete	(Panel B) Buoy "SD 2"	5°47'53.8"N 55°09'39.8"W		
		(28(3016)03 Taunton)			
24376	1Ed. 7/27/85	LAST NM 52/01		38/03	
	Delete	Buoy "SD 2"	5°48'01.0"N 55°09'33.0"W		
		(28(3016)03 Taunton)			
24461	4Ed. 8/10/96	LAST NM 16/03		38/03	
	Change	Note to "ANCHORING PROHIBITED In the waters around Bonaire from the High Water line up to 60 meter depths, anchoring is prohibited except with the permission of the harbormaster."	12°08'00"N 68°14'00"W		
		(49(556)00 's-Gravenhage)			
24463	6Ed. 6/3/95	LAST NM 26/03		38/03	
	Add	Light Fl R	12°26'46"N 69°57'11"W		
		Light Fl G	12°26'45"N 69°57'09"W		
		(Plan A) Substitute Light QG for position circle "Post"	12°26'45.8"N 69°56'55.3"W		
	Add	Light FR	12°26'29.0"N 69°56'21.0"W		
		Light FR	12°26'27.7"N 69°56'17.0"W		
		Light Iso G 2s	12°26'32.0"N 69°56'34.0"W		
		Light Fl R	12°26'46.2"N 69°57'11.0"W		
		Light Fl G	12°26'44.8"N 69°57'08.8"W		
		(19(272)01 's-Gravenhage)			
24465	6Ed. 1/11/97	LAST NM 47/02		38/03	
	Add	Light FR	12°06'40.8"N 68°55'18.0"W		
		(38(539)01 Gravenhage)			

24512	3Ed. 9/20/97 LAST NM 25/03	38/03
Delete	Racon from buoy (mooring) "TLU3" 9°31'45"N 75°47'11"W	
	Light from buoy (mooring) "TLU" and change designation to "TLU1" (31(3299)03 Taunton)	9°29'39"N 75°44'16"W
24513	18Ed. 1/17/98 LAST NM 46/02	38/03
Delete	Light from buoy (mooring) "TLU" 9°29'38.5"N 75°44'16.0"W and change designation to "TLU1" (31(3299)03 Taunton)	
25608	21Ed. 7/22/95 LAST NM 34/03	38/03
	(Plan A)	
Add	Stranded wreck [K24] 18°04'27.2"N 63°05'04.2"W (31(3319)03 Taunton)	
28154	2Ed. 8/19/95 LAST NM 28/01	38/03
Add	Buoy "1" Y, pillar, Fl 5s 16°17'30"N 86°32'53"W Buoy "2" Y, pillar, Fl 5s 16°18'15"N 86°32'42"W (NTM0003/2003)	
37025	26Ed. 8/9/97 LAST NM 36/03	38/03
Add	Depth 148 meters Wk [K26] 47°58.2'N 6°27.2'W Depth 22 meters Wk (unsurveyed) [K30] (41(17, 22)02 Brest)	47°00.6'N 2°40.2'W
37032	2Ed. 9/12/98 LAST NM 31/03	38/03
Substitute	Depth 81 meters Wk (unsurveyed) [K30] (PD) for wreck (41(23)02 Brest)	43°29.1'N 1°47.0'W
37320	16Ed. 9/6/97 LAST NM 36/03	38/03
Add	Depth 148 meters Wk [K26] (41(17)02 Brest)	47°58'10"N 6°27'14"W
37344	11Ed. 5/17/97 LAST NM 21/03	38/03
Delete	WHIS from buoy "Les Poulains" (41(20)02 Brest)	47°23'27"N 3°16'42"W
37360	15Ed. 6/22/96 LAST NM 36/03	38/03
Delete	WHIS from buoy (41(20)02 Brest)	47°23.4'N 3°16.7'W
37362	6Ed. 7/12/97 LAST NM 33/03	38/03
Substitute	Depth 15.9 meters for 9.8 meters 47°18'31"N 2°36'02"W	
Change	Characteristic of buoy "La Couronnee" to Fl(2) G 6s 47°07'34"N 2°20'04"W Characteristic of buoy "Lancastria" to Fl(2) R 6s 47°08'50"N 2°20'23"W Characteristic of buoy to Fl(3) R 12s 47°09'52"N 2°19'29"W Characteristic of buoy "4" to Fl R 2.5s 47°10'44"N 2°18'12"W Characteristic of buoy "3" to Fl(2) G 6s 47°11'20"N 2°17'35"W	
Add	Depth 22 meters Wk (unsurveyed) [K30] (21(19)01, 41(21, 22)02 Brest)	47°00'35"N 2°40'14"W
37380	2Ed. 9/11/93 LAST NM 21/03	38/03
Delete	WHIS from buoy 47°23.4'N 3°16.7'W	
Change	Characteristic of buoy to Fl(2) G 6s 47°07.5'N 2°20.1'W	
Add	Depth 22 meters Wk (unsurveyed) [K30] 47°00.6'N 2°40.2'W Buoy R, can, can topmark, Fl R 2.5s (21(19, 20)01, 41(20, 22)02 Brest; Fr CH 7394)	46°57.4'N 2°19.5'W
37443	2Ed. 4/12/97 LAST NM 12/02	38/03
Delete	Wreck (PD) (41(23)02 Brest)	43°30'56.6"N 1°36'09.3"W
37445	1Ed. 10/19/91 LAST NM 34/03	38/03
Substitute	Depth 81 meters Wk (unsurveyed) [K30] (PD) for wreck 43°29'07"N 1°47'01"W	
Add	Dangerous wreck [K28] (PD) (41(23)02 Brest)	43°24'06"N 1°45'17"W
42160	3Ed. 3/8/97 LAST NM 7/03	38/03
Delete	Racon at light (22(3442)03 St. Petersburg)	72°38.5'N 69°00.8'E
42301	3Ed. 4/11/98 LAST NM 27/01	38/03
Delete	Racon at light (22(3441)03 St. Petersburg)	70°27.7'N 58°39.6'E
42560	5Ed. 12/2/95 LAST NM 31/03	38/03
Delete	Light (22(3440)03 St. Petersburg)	67°30.2'N 43°55.8'E
42620	5Ed. 6/24/95 LAST NM 14/03	38/03
Delete	Beacon (22(3440)03 St. Petersburg)	64°52.4'N 36°27.5'E
42640	6Ed. 5/27/95 LAST NM 29/95	38/03
Delete	Beacon Beacon Beacon (22(3440)03 St. Petersburg)	64°52.6'N 36°27.6'E 64°49.2'N 35°07.3'E 65°25.9'N 34°41.2'E
42660	5Ed. 8/19/95 LAST NM 41/95	38/03
Delete	Beacon Beacon Beacon (22(3440)03 St. Petersburg)	64°52.5'N 36°27.5'E 64°37.5'N 35°37.3'E 64°49.2'N 35°07.4'E
43040	6Ed. 8/5/95 LAST NM 2/02	38/03
	(Plan A)	
Change	Characteristic of light to Iso R 2s 70°22'40"N 31°06'28"E	
	(Plan B)	
Change	Characteristic of light to Iso R 2s 70°22'39.5"N 31°06'28.0"E (BA LL)	
43140	4Ed. 10/5/96 LAST NM 35/03	38/03
Change	Light to Fl WRG (BA LL)	68°17.2'N 13°34.5'E
43147	3Ed. 9/1/84 LAST NM 35/03	38/03
Delete	Light 68°08'43"N 13°28'52"E	
Change	Characteristic of light to Fl WRG 5s 68°17'13"N 13°34'33"E Visibility (range) of light to 7-5M 68°10'13"N 13°19'33"E Height of light to 29m 68°06'35"N 13°13'50"E	
Add	Period 5s to light (BA LL)	68°05'15"N 13°12'03"E
43150	2Ed. 9/29/90 LAST NM N35/03	N38/03
Change	Visibility (range) of light to 7-5M Height of light to 95ft (BA LL)	68°10.2'N 13°19.9'E 68°06.7'N 13°14.1'E
43160	6Ed. 3/15/97 LAST NM 36/03	38/03
Change	Visibility (range) of light to 7-5M (BA LL)	68°10.2'N 13°19.8'E
43371	13Ed. 4/17/99 LAST NM 22/02	38/03
Delete	Light (2(67)03 Stavanger)	59°44'16"N 10°13'54"E

SECTION I

NM 38/03

43378	2Ed. 11/17/84	LAST NM 48/98	38/03		
Delete	Range lights (2), range line and legend "Lights in line" between		59°44'15.8"N 10°13'54.7"E 59°44'17.0"N 10°15'36.6"E		
	(2(67)03 Stavanger)				
44444	6Ed. 5/15/99	LAST NM 36/03	38/03		
Change	(Plan A) Height of range light, middle to 28m		57°24'27.0"N 21°34'06.0"E		
Change	(Plan B) Height of light to 15m Height of light to 15m Visibility (range) of light to 3M		55°43'50.0"N 21°04'44.0"E 55°43'35.5"N 21°04'53.5"E 55°42'21.5"N 21°07'22.5"E		
	(Lat LL; BA LL)				
53061	10Ed. 2/19/94	LAST NM 17/03	38/03		
Substitute	Beacon "1" G, Fl G 4s for buoy "1"		43°23'00.0"N 4°57'31.0"E		
	Beacon "2" R, Fl R 4s for buoy "2"		43°22'44.0"N 4°57'15.0"E		
	Beacon "3" G, Fl(2) G 6s for buoy "3"		43°23'20.5"N 4°56'45.5"E		
	Beacon "4" R, Fl(2) R 6s for buoy "4"		43°23'11.0"N 4°56'36.0"E		
	Beacon "5" G, Fl(3) G 12s for buoy "5"		43°23'33.0"N 4°56'00.0"E		
	Beacon "7" G, QG for buoy "7"		43°23'49.0"N 4°54'52.0"E		
	(31(30)01 Brest; Fr CH 6684)				
★53201	6Ed. 10/31/92	LAST NM 21/03	38/03		
Delete	Buoy (mooring)		37°11'20.4"N 15°11'31.2"E		
	Buoy (mooring)		37°11'14.5"N 15°11'37.0"E		
	(NTM0023/2003)				
★54165	2Ed. 4/10/99	LAST NM 37/02	38/03		
Substitute	Depth 17.4 meters Wk [K26] for wreck		45°34'51.9"N 13°41'33.7"E		
	Depth 17.2 meters Wk [K26] for wreck		45°34'50.6"N 13°41'35.1"E		
	Depth 16.1 meters Wk [K26] for wreck		45°34'17.7"N 13°42'20.5"E		
	Depth 15 meters Wk [K26] for wreck		45°33'15.8"N 13°42'37.6"E		
	Depth 9.8 meters Obstn [K41] for wreck		45°34'07.8"N 13°43'52.5"E		
Add	Depth 13.7 meters Wk [K26]		45°33'16.0"N 13°41'50.8"E		
	(NTM0024/2003)				
54168	1Ed. 1/15/94	LAST NM 17/03	38/03		
Add	Depth 17.2 meters Wks [K26]		45°34'50.6"N 13°41'35.1"E		
	Depth 16.1 meters Wk [K26]		45°34'17.7"N 13°42'19.7"E		
	Depth 9.8 meters Obstn [K41]		45°34'07.8"N 13°43'52.5"E		
	(NTM0024/2003)				
54169	3Ed. 11/27/99	LAST NM 17/03	38/03		
Substitute	Depth 17.2 meters Wks [K26] for wreck		45°34'51"N 13°41'35"E		
	Depth 16.1 meters Wk [K26] for wreck		45°34'18"N 13°42'20"E		
	Depth 13.7 meters Wk [K26] for wreck		45°33'16"N 13°41'51"E		
Add	Depth 15 meters Wk [K26]		45°33'16"N 13°42'38"E		
	(NTM0024/2003)				
54359	2Ed. 10/5/96	LAST NM 5/99	38/03		
Add	Submarine pipeline (sewer) [L41.1] between		40°35'05.0"N 22°50'37.0"E 40°34'39.0"N 22°51'03.0"E		
	Submarine pipeline (sewer) [L41.1] between		40°34'39.0"N 22°51'03.0"E 40°34'26.4"N 22°51'09.0"E		
	Submarine pipeline (sewer) [L41.1] between		40°34'39.0"N 22°51'03.0"E 40°34'26.4"N 22°51'24.0"E		
	Buoy Y, pillar, Fl Y 1.5s		40°34'39.0"N 22°51'03.0"E		
	(7(183)01 Athens)				
54361	10Ed. 11/26/94	LAST NM 25/99	38/03		
Add	Submarine pipeline (sewer) [L41.1] between		40°35'05"N 22°50'37"E 40°34'39"N 22°51'03"E		
	Submarine pipeline (sewer) [L41.1] between		40°34'39"N 22°51'03"E 40°33'50"N 22°51'30"E		
	Submarine pipeline (sewer) [L41.1] between		40°34'39"N 22°51'03"E 40°34'06"N 22°51'56"E		
	Buoy Y, pillar, Fl Y 1.5s		40°34'39"N 22°51'03"E		
	Buoy Y, pillar, Fl Y 1.5s		40°33'50"N 22°51'30"E		
	Buoy Y, pillar, Fl Y 1.5s		40°34'06"N 22°51'56"E		
	(7(183)01 Athens)				
54440	4Ed. 10/5/85	LAST NM 17/03	38/03		
Add	Danger circle [K40] "Obstn (Marine farm)"		36°12.6'N 32°18.8'E		
	Danger circle [K40] "Obstn (Marine farm)"		36°13.2'N 32°17.6'E		
	(26(119)03 Istanbul)				
55101	4Ed. 8/24/96	LAST NM 34/03	38/03		
Add	Buoy "4" R, pillar, can topmark		46°51'11"N 31°58'42"E		
	(23(3614)03 St. Petersburg)				
55103	2Ed. 4/6/96	LAST NM 36/03	38/03		
Delete	Depth 5.8 meters Obstn		44°37'10.5"N 33°34'37.5"E		
Add	Buoy (mooring)		44°37'22.5"N 33°32'42.4"E		
	Depth 2.3 meters Rk [K14.2]		44°37'23.3"N 33°32'20.7"E		
	Stranded wreck [K24] marked close N by buoy BY, spar, double cone topmark points upward		44°36'37.7"N 33°35'41.4"E		
	(50(8351), 51(8509, 8510)00 St. Petersburg)				
55131	1Ed. 11/16/96	LAST NM 25/03	38/03		
Substitute	Position circle Ra Ref [S4] for beacon		45°20.5'N 29°45.5'E		
	(4(357)01 St. Petersburg)				
55133	3Ed. 1/27/96	LAST NM 36/03	38/03		
Delete	Rock which covers and uncovers		44°05'36"N 39°04'28"E		
	(Plan) Rock which covers and uncovers		44°05'35.8"N 39°04'29.4"E		
	(51(8514)00 St. Petersburg)				
56060	9Ed. 4/12/03	LAST NM 27/03	38/03		
Add	Submarine pipeline [L40.1] with legend "Gas (see note)" joining		31°51.3'N 34°39.6'E 31°52.6'N 34°38.5'E 31°53.0'N 34°37.7'E 31°53.2'N 34°36.7'E 31°53.1'N 34°35.7'E 31°52.6'N 34°34.7'E 31°45.3'N 34°18.5'E 31°44.3'N 34°17.7'E		
	Note "PIPELINES Gas from a damaged gas pipeline could cause an explosion or some other serious hazard. Pipelines are not always buried and their presence may effectively reduce the charted depth by as much as 2 meters. Where pipelines are close together, only one may be charted. Mariners should not anchor or trawl in the vicinity of a pipeline; they may risk prosecution if damage is caused."		31°08.0'N 34°08.0'E		
	(33(3524)03 Taunton)				

56065	3Ed. 5/18/96 LAST NM 16/03	38/03
Add	Submarine pipeline [L40.1] with legend "Gas (see note)" joining	31°51'16"N 34°39'36"E 31°52'35"N 34°38'30"E 31°53'00"N 34°37'45"E 31°53'11"N 34°36'41"E 31°53'06"N 34°35'44"E 31°52'38"N 34°34'44"E 31°45'20"N 34°18'32"E 31°44'19"N 34°17'44"E
	"ANCH & FISH PROHIB" area bound by existing prohibited area and purple composite line joining	31°52'19"N 34°35'27"E 31°44'56"N 34°19'06"E 31°43'46"N 34°18'18"E 31°44'17"N 34°17'11"E 31°45'46"N 34°18'17"E 31°53'09"N 34°34'30"E
	Note	"PIPELINES Gas from a damaged gas pipeline could cause an explosion or some other serious hazard. Pipelines are not always buried and their presence may effectively reduce the charted depth by as much as 2 meters. Where pipelines are close together, only one may be charted. Mariners should not anchor or trawl in the vicinity of a pipeline; they may risk prosecution if damage is caused."
	(33(3524)03 Taunton)	31°36'00"N 34°36'00"E
56067	3Ed. 8/17/02 LAST NM 20/03	38/03
Add	(Panel A) Submarine pipeline [L40.1] with legend "Gas SEE CAUTION" joining	31°51'10.6"N 34°39'38.1"E 31°52'31.6"N 34°38'33.9"E 31°52'55.6"N 34°37'47.7"E 31°53'07.0"N 34°36'44.7"E 31°53'01.6"N 34°35'47.7"E 31°52'39.9"N 34°35'01.1"E
	Purple composite line between	31°52'12.2"N 34°35'21.9"E 31°52'02.8"N 34°35'01.1"E
	Legend "ANCH & FISH PROHIB"	31°52'14.0"N 34°35'12.0"E
	(33(3524)03 Taunton)	
★56105	1Ed. 8/2/03 NEW CHART (NIMA)	38/03
61180	4Ed. 2/7/98 LAST NM 27/02	38/03
Add	Beacon	11°18.6'S 40°29.7'E
	Beacon	11°20.6'S 40°33.3'E
	Beacon	11°23.4'S 40°33.8'E
	(BA CH 2927)	
★62097	6Ed. 6/21/03 NEW EDITION (NIMA)	38/03
71320	1Ed. 11/21/87 LAST NM 33/03	38/03
Add	(Panel A) Light QG 11m 6M Light QR 11m 6M	5°04.0'N 115°06.5'E 5°03.9'N 115°06.7'E
	(30(3197)03 Taunton)	
71330	13Ed. 4/2/94 LAST NM 33/03	38/03
Change	Legend to "Lights in line 209°37'"	5°04'55"N 115°07'00"E
Add	Light QG 36ft 6M Light QR 36ft 6M	5°04'00"N 115°06'30"E 5°03'53"N 115°06'43"E
	(30(3197)03 Taunton; BA LL)	
71331	11Ed. 10/31/92 LAST NM 33/03	38/03
Add	(Panel A) Dashed line (submerged breakwater extension) between	5°03'30"N 115°06'15"E 5°03'45"N 115°06'22"E
	Light QG 6M Light QR 6M	5°04'00"N 115°06'30"E 5°03'53"N 115°06'43"E

	(Panel B)	
Delete	Range lights (2) and range line between	5°00'45"N 115°04'44"E 5°04'29"N 115°06'53"E
Change	Legend to "Lights in line 209°37'"	5°04'06"N 115°06'36"E
Add	Dashed line (submerged breakwater extension) between	5°03'19"N 115°06'07"E 5°03'45"N 115°06'22"E
	Light "1AW" QG 6M Light "2AE" QR 6M	5°04'00"N 115°06'30"E 5°03'53"N 115°06'43"E
	Range light, front FG 15m 10M Range light, rear FG 28m 12M	5°01'16"N 115°05'04"E 5°00'48"N 115°04'49"E
	Range line extending in 029°37' direction from above rear light dashed for 2464 meters, thence solid for 5559 meters (30(3197)03 Taunton; BA LL)	
71335	2Ed. 9/12/92 LAST NM 8/03	38/03
Delete	Range lights (2) and range line between	5°04'45.0"N 115°04'44.0"E 5°04'29.0"N 115°06'53.0"E
	"Maintained depth 9.1m" area in vicinity	5°01'36.0"N 115°04'45.0"E
Change	Legend to "Maintained Depth 13m" Legend to "Maintained Depth 13m" Legend to "Lights in line 209°37'"	5°01'34.0"N 115°04'42.0"E 5°02'45.0"N 115°05'53.0"E 5°04'06.0"N 115°06'38.0"E
Add	Dashed line (dredged area) [I21] joining	5°03'52.2"N 115°06'30.0"E 5°02'04.2"N 115°05'28.8"E 5°01'56.4"N 115°05'19.8"E 5°01'28.8"N 115°04'21.0"E 5°01'21.0"N 115°04'09.6"E 5°01'18.0"N 115°04'07.8"E 5°00'58.8"N 115°04'04.8"E 5°00'52.2"N 115°04'07.2"E 5°00'49.2"N 115°04'12.6"E 5°00'50.4"N 115°04'18.6"E 5°00'55.8"N 115°04'22.8"E 5°01'07.8"N 115°04'24.6"E 5°01'26.4"N 115°04'37.8"E 5°01'54.6"N 115°05'30.0"E 5°03'49.8"N 115°06'35.4"E
	Dashed line with legend "Submerged breakwater" between	5°03'18.6"N 115°06'06.6"E 5°03'46.2"N 115°06'22.8"E
	Beacon "1AW" G, QG 11m 6M Beacon "2AE" R, QR 11m 6M	5°04'00.0"N 115°06'30.0"E 5°03'52.8"N 115°06'42.6"E
	Range light, front FG 15m 10M Range light, rear FG 28m 12M	5°01'16.2"N 115°05'04.2"E 5°00'48.0"N 115°04'48.6"E
	Range line extending in 029°37' direction from above rear light dashed for 2464 meters, thence solid for 5559 meters	
	(Plan A)	
Delete	Range lights (2) and range line between	5°00'45.5"N 115°04'44.0"E 5°03'45.0"N 115°06'26.8"E
	Legend "Maintained Depth 9.1m"	5°02'25.5"N 115°05'40.0"E
	"Maintained depth 9.1m" area in vicinity	5°01'36.0"N 115°04'45.0"E
Change	Legend to "Maintained Depth 13m" Legend to "Lights in line 209°37'"	5°01'37.0"N 115°04'46.5"E 5°03'21.3"N 115°06'12.5"E

(continued on next page)

SECTION I

NM 38/03

71335	(Continued)				
Add	Dashed line (dredged area) [I21] joining	5°03'45.0"N 115°06'26.0"E			
		5°02'04.2"N 115°05'28.8"E			
		5°01'56.4"N 115°05'19.8"E			
		5°01'28.8"N 115°04'21.0"E			
		5°01'21.0"N 115°04'09.6"E			
		5°01'18.0"N 115°04'07.8"E			
		5°00'58.8"N 115°04'04.8"E			
		5°00'52.2"N 115°04'07.2"E			
		5°00'49.2"N 115°04'12.6"E			
		5°00'50.4"N 115°04'18.6"E			
		5°00'55.8"N 115°04'22.8"E			
		5°01'07.8"N 115°04'24.6"E			
		5°01'26.4"N 115°04'37.8"E			
		5°01'54.6"N 115°05'30.0"E			
		5°03'45.0"N 115°06'31.5"E			
	Double dashed line with legend "Submerged breakwater" between	5°03'18.6"N 115°06'06.6"E			
		5°03'45.0"N 115°06'22.3"E			
	Legend "Maintained Depth 13m"	5°02'24.0"N 115°05'43.0"E			
	Range light, front FG 15m 10M	5°01'16.2"N 115°05'04.2"E			
	Range light, rear FG 28m 12M	5°00'48.0"N 115°04'48.6"E			
	Range line extending in 029°37' direction from above rear light				
	dashed for 2464 meters, thence solid for 3891 meters				
	Note: Range line extends beyond chart border				
	(30(3197)03 Taunton; BA LL)				
73552	4Ed. 4/3/99 LAST NM 10/03				38/03
Delete	Pilot station symbol and legend "Stephens Islet"	9°22'00"S 143°39'00"E			
	(See 9/03-73552)				
	(13(362)00 Wollongong)				
74005	2Ed. 4/8/95 LAST NM 30/03				38/03
Delete	Pilot station symbol	9°22.0'S 143°39.0'E			
	(See 9/03-74005)				
	(13(362)00 Wollongong)				
74017	4Ed. 10/21/95 LAST NM 31/03				38/03
Delete	Depth 1.4 meters	20°26'51.6"S 116°50'13.8"E			
Add	Dangerous submerged rock [K13]				
	"Rep (2003)"	20°27'01.8"S 116°50'15.0"E			
	(15(490)03 Wollongong)				
74020	4Ed. 2/10/96 LAST NM 31/03				38/03
Delete	Depth 1.4 meters	20°26'52"S 116°50'14"E			
Add	Dangerous submerged rock [K13]				
	"Rep (2003)"	20°27'02"S 116°50'15"E			
	(15(490)03 Wollongong)				
74182	12Ed. 2/13/99 LAST NM 34/03				38/03
Delete	Depth 3.3 meters	27°21'13"S 153°11'55"E			
Add	Depth 0.5 meter	27°21'16"S 153°11'45"E			
	(Plan)				
Add	Light Fl G 2.5s to beacon	27°25'36.8"S 153°11'54.8"E			
	Light Fl R 2.5s to beacon	27°25'21.7"S 153°11'46.4"E			
	(See 17/03-74182)				
	(15(485, 486)03 Wollongong)				
74183	11Ed. 10/17/98 LAST NM 25/03				38/03
Delete	Depth 3.6 meters	27°21'12.6"S 153°11'46.2"E			
Add	Depth 0.5 meter enclosed by depth contour (2-meter)	27°21'15.4"S 153°11'45.0"E			
	Light Fl G 2.5s to beacon	27°25'36.8"S 153°11'54.8"E			
	Light Fl G 2.5s to beacon	27°24'55.1"S 153°11'34.4"E			
	Light Fl R 2.5s to beacon	27°25'21.7"S 153°11'46.4"E			
	Light Fl R 2.5s to beacon	27°24'43.8"S 153°11'25.4"E			
	Light Fl R 2.5s to beacon	27°24'23.3"S 153°11'16.3"E			
	Light Fl R 2.5s to beacon	27°24'05.9"S 153°11'03.6"E			
	(See 17/03-74183)				
	(15(485, 486)03 Wollongong)				
74221	2Ed. 5/3/97 LAST NM 30/03				38/03
Add	Depth 10.5 meters	20°18'30"S 150°07'30"E			
	Depth 9.5 meters	20°18'55"S 150°07'13"E			
	Depth 11.5 meters, blue tint and enclosing depth contour (20-meter) centered	20°20'45"S 150°07'00"E			
	(15(487)03 Wollongong)				
74270	3Ed. 8/5/95 LAST NM 7/03				38/03
Delete	Depth 13.1 meters	14°06.3'S 144°33.1'E			
	(See 7/03-74270)				
	(13(361)00 Wollongong)				
74271	9Ed. 9/6/97 LAST NM 30/03				38/03
	(Plan A)				
Substitute	Depth 3.7 meters for 4.6 meters	14°06'25"S 144°35'10"E			
	(13(361)00 Wollongong)				
74285	2Ed. 8/23/97 LAST NM 16/03				38/03
Delete	Pilot station symbol and legend "Stephens Islet"	9°22.0'S 143°39.0'E			
	(See 9/03-74285)				
	(13(362)00 Wollongong)				
74290	11Ed. 9/6/97 LAST NM 30/03				38/03
Delete	Pilot station symbol and legend "Stephens Islet"	9°22.0'S 143°39.0'E			
	(See 9/03-74290)				
	(13(362)00 Wollongong)				
74455	3Ed. 6/7/97 LAST NM 4/03				38/03
Add	Dangerous submerged rock [K13]				
	"Rep (2003)"	15°23.1'S 124°14.3'E			
	(15(489)03 Wollongong)				
74465	2Ed. 3/19/94 LAST NM 36/03				38/03
Add	Dangerous submerged rock [K13]				
	"Rep (2003)"	15°23.1'S 124°14.3'E			
	(15(489)03 Wollongong)				
74510	2Ed. 9/13/97 LAST NM 35/03				38/03
Delete	Depth 1.4 meters	20°26.9'S 116°50.2'E			
Add	Dangerous submerged rock [K13]				
	"Rep (2003)"	20°27.0'S 116°50.2'E			
	(15(490)03 Wollongong)				
74535	2Ed. 9/13/97 LAST NM 36/03				38/03
Change	Beacon to "12" YBY, double cone topmark points together, Q(9) 15s 6M	25°58.3'S 113°23.3'E			
	(14(400)00 Wollongong; BA LL)				
74583	15Ed. 10/14/95 LAST NM 48/02				38/03
Add	Buoy Y, pillar, Fl(5) Y 20s	32°06'36"S 115°24'12"E			
	(15(509)03 Wollongong)				
74584	5Ed. 7/22/95 LAST NM 36/03				38/03
Add	Buoy Y, pillar, Fl(5) Y 20s	32°06'30.0"S 115°42'54.0"E			
	Buoy Y, pillar, Fl(5) Y 20s	32°12'30.0"S 115°44'48.0"E			
	(Plan)				
Add	Buoy Y, pillar, Fl(5) Y 20s	32°12'30.0"S 115°44'48.0"E			
	(15(509)03 Wollongong)				
74591	7Ed. 8/29/98 LAST NM 8/03				38/03
Add	Danger circle "Obstn" [K40]	33°17'15.0"S 115°36'07.2"E			
	(13(444)03 Wollongong)				
75025	9Ed. 12/10/94 LAST NM 36/03				38/03
Add	Submarine cable [L30.1] joining	38°38.8'S 145°42.1'E			
		38°43.9'S 145°42.1'E			
		40°44.1'S 145°20.0'E			
		40°45.4'S 145°17.6'E			
	(15(497)03 Wollongong)				

75144 3Ed. 4/22/95 LAST NM 30/03 38/03
 Relocate Buoy from 34°22'58"S 136°06'40"E to 34°22'53"S 136°06'28"E
 (See 4/03-75144)
 (15(492)03 Wollongong)

75170 12Ed. 12/3/94 LAST NM 25/03 38/03
 Add Submarine cable [L30.1] joining 38°38.8'S 145°42.1'E
 38°43.9'S 145°42.1'E
 40°44.6'S 145°19.7'E
 40°45.5'S 145°17.6'E
 (15(497)03 Wollongong)

75171 22Ed. 4/3/99 LAST NM 35/03 38/03
 Delete Topmark from beacon 37°59'53"S 145°01'44"E
 Add Light Fl R 9s 38°20'33"S 144°45'12"E
 (14(404)00, 13(435)03 Wollongong)

75173 9Ed. 8/8/98 LAST NM 35/03 38/03
 Delete Beacon 38°12'47.4"S 145°01'58.2"E
 Add Light Fl R 9s 38°20'33.0"S 144°45'12.0"E
 Solid line (jetty) [F14] between 38°20'33.0"S 144°45'12.0"E
 38°20'37.2"S 144°45'10.2"E
 (13(367), 14(404)00 Wollongong)

75177 7Ed. 6/20/98 LAST NM 26/03 38/03
 Delete Topmark from beacon 37°59'52.8"S 145°01'44.4"E
 Beacon 37°58'36.0"S 145°00'48.0"E
 Buoy 37°51'24.0"S 144°57'34.2"E
 Relocate Beacon from 37°51'17.4"S 144°57'22.2"E to 37°51'18.4"S 144°57'19.6"E
 Beacon from 37°53'27.6"S 144°58'58.8"E to 37°53'34.1"S 144°58'58.7"E
 Beacon from 37°56'52.8"S 144°59'48.6"E to 37°56'54.8"S 144°59'48.9"E
 Change Beacon to YB, cone topmark 37°59'23.4"S 145°02'49.8"E
 Add Beacon Y, "X" topmark 37°51'16.1"S 144°57'32.5"E
 Beacon Y, "X" topmark 37°55'11.9"S 144°59'03.7"E
 Beacon Y 37°51'38.6"S 144°57'57.4"E
 Beacon 37°56'23.3"S 144°59'49.4"E
 Buoy Y, spar 37°51'10.1"S 144°57'09.3"E
 Buoy Y, spar 37°51'22.8"S 144°57'37.0"E
 Buoy Y, spar 37°51'29.8"S 144°57'47.1"E
 Buoy Y, spar 37°53'04.1"S 144°58'29.4"E
 Buoy Y, spar 37°53'16.5"S 144°58'43.7"E
 Buoy Y, spar 37°53'23.2"S 144°58'49.3"E
 Buoy Y, spar 37°53'53.3"S 144°58'53.2"E
 Buoy Y, spar 37°57'38.1"S 145°00'22.6"E
 Buoy Y, spar 37°58'15.6"S 145°00'31.3"E
 Buoy Y, spar 37°58'37.4"S 145°00'49.3"E
 Buoy Y, spherical 37°59'27.7"S 145°03'18.9"E
 Buoy Y, spherical 37°59'31.3"S 145°03'28.6"E
 (13(435)03 Wollongong)

75180 2Ed. 7/29/95 LAST NM 25/03 38/03
 Add Submarine cable [L30.1] joining 40°28'00"S 145°22'46"E
 40°44'31"S 145°19'47"E
 40°45'24"S 145°17'40"E
 (15(497)03 Wollongong)

75191 6Ed. 6/10/95 LAST NM 36/03 38/03
 Delete Dashed line and legend "South Limit of Harbor" between 43°24'33"S 147°06'18"E
 43°28'35"S 147°01'12"E
 Dashed line and legend "South Limit of Harbor" between 43°03'30"S 147°25'15"E
 43°03'48"S 147°21'42"E
 Add Dashed line with legend "Hobart Port Limit" between 43°25'45"S 147°06'15"E
 43°29'00"S 147°00'38"E
 Dashed line with legend "Hobart Port Limit" between 43°07'10"S 147°41'22"E
 43°15'00"S 147°26'15"E
 (15(493)03 Wollongong)

75213 2Ed. 7/8/95 LAST NM 33/03 38/03
 Delete Range line extending in 307°42' direction from rear range light 41°00'48"S 146°44'28"E
 dashed for 3350 meters, thence solid for 3400 meters
 (See 52/02, 33/03-75213)
 Add Range line extending in 307°42' direction from rear range light 41°04'48"S 146°48'28"E
 dashed for 3350 meters, thence solid for 3400 meters
 (9(271)00, 12(404)03 Wollongong)

75215 2Ed. 1/24/98 LAST NM 33/03 38/03
 Delete Dashed-line greater arc of a circle, radius 3 miles and legend "Devonport Port Limit", centered 41°09'31"S 146°21'20"E
 arc between 41°09'30"S 146°17'20"E
 41°09'45"S 146°25'15"E
 Range line and legend "Lts in line 127°41'" between 41°04'48"S 146°48'28"E
 40°59'15"S 146°39'12"E
 Range line extending in 307°42' direction from rear range light 41°00'48"S 146°44'28"E
 dashed for 3350 meters, thence solid for 3400 meters
 (See 52/02, 33/03-75215)
 Add Dashed-line greater arc of a circle, radius 5 miles with legend "Devonport Port Limit", centered 41°09'31"S 146°21'20"E
 arc between 41°09'20"S 146°14'39"E
 41°09'30"S 146°28'00"E
 Dashed-line lesser arc of a circle, radius 5 miles, with legend "Ulverstone Port Limit", centered 41°08'41"S 146°10'10"E
 arc between 41°06'23"S 146°04'07"E
 41°09'24"S 146°16'43"E
 Range line extending in 307°42' direction from rear range light 41°04'48"S 146°48'28"E
 dashed for 3350 meters, thence solid for 3400 meters
 (9(271)00, 12(404), 15(495, 496)03 Wollongong)

75261 6Ed. 5/10/97 LAST NM 31/03 38/03
 Delete Depth 119 meters 33°55'30"S 151°24'42"E
 Add Depth 98 meters 33°55'24"S 151°24'48"E
 (13(357)00 Wollongong)

75265 2Ed. 6/19/99 LAST NM 32/03 38/03
 Add Depth 98 meters enclosed by depth contour (100-meter) 33°55'24"S 151°24'48"E
 Depth 98 meters enclosed by depth contour (100-meter) 33°35'06"S 151°34'48"E
 Depth 68 meters 33°35'00"S 151°31'54"E
 (13(357)00 Wollongong)

96044 10Ed. 7/3/93 LAST NM 23/03 38/03
 Substitute Depth 22.2 meters for 34 meters 42°45'19.3"N 132°54'54.2"E
 Add Depth 2.5 meters 42°47'28.6"N 132°58'04.2"E
 Depth 16.2 meters, blue tint and enclosing depth contour (20-meter) 42°45'42.6"N 132°55'01.0"E
 Depth 14.6 meters, blue tint and enclosing depth contour (20-meter) 42°45'39.1"N 132°55'04.7"E
 Depth 13.2 meters, blue tint and enclosing depth contour (20-meter) 42°45'36.8"N 132°55'00.1"E
 Depth 22.6 meters 42°45'35.6"N 132°55'17.7"E
 Depth 28.2 meters 42°45'33.5"N 132°55'25.0"E
 Depth 23.8 meters 42°45'27.4"N 132°55'10.4"E
 Depth 14.6 meters, blue tint and enclosing depth contour (20-meter) 42°45'32.7"N 132°54'57.8"E
 Depth 19.6 meters, blue tint and enclosing depth contour (20-meter) 42°45'24.8"N 132°54'54.3"E
 (5(573)03 St. Petersburg)

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96620	3Ed. 10/28/95	LAST NM 4/01	38/03	
Delete	Depth 14.5 meters	64°24.1'N	178°50.2'E	
Add	Depth 19.6 meters	64°41.7'N	179°15.3'E	
	Depth 8 meters	64°30.2'N	178°46.3'E	
	Depth 8.4 meters, blue tint and enclosing depth contour (10-meter)	64°29.8'N	178°47.6'E	
	Depth 8.8 meters, blue tint and enclosing depth contour (10-meter)	64°29.1'N	178°50.3'E	
	Depth 12.4 meters	64°28.2'N	178°52.7'E	
	Depth 11 meters	64°26.3'N	178°52.4'E	
	Depth 11.4 meters	64°24.3'N	178°53.7'E	
	Depth 9 meters, blue tint and enclosing depth contour (10-meter)	64°26.1'N	178°49.8'E	
	Depth 7.6 meters, blue tint and enclosing depth contour (10-meter)	64°24.1'N	178°51.3'E	
	Depth 9.4 meters, blue tint and enclosing depth contour (10-meter)	64°23.2'N	178°53.9'E	
	Depth 12 meters	64°21.7'N	178°55.2'E	
	Depth 12.4 meters	64°19.5'N	178°52.9'E	
	Depth 13.8 meters	64°18.3'N	178°57.1'E	
	Depth 13 meters	64°16.8'N	178°57.8'E	
	Depth 18.2 meters	63°47.8'N	179°07.3'E	
	Depth 16.8 meters	63°46.0'N	179°11.5'E	
	Depth 17.4 meters	63°44.4'N	179°11.3'E	
	Depth 17.2 meters	63°44.2'N	179°08.5'E	
	Depth 16.8 meters	63°44.0'N	179°00.7'E	
	Depth 16 meters	63°42.8'N	179°01.1'E	
	Depth 18.6 meters	63°42.8'N	179°10.1'E	
	Depth 15.4 meters	63°40.1'N	179°03.5'E	
	Depth 18.8 meters	63°40.1'N	179°05.4'E	
	Depth 17.6 meters	63°39.3'N	179°05.8'E	
	(5(570, 571)03 St. Petersburg)			
96621	5Ed. 10/4/97	LAST NM 10/03	38/03	
Substitute	Depth 8 meters for 9 meters	64°30'12"N	178°46'28"E	
	Depth 8.4 meters for 9.5 meters	64°29'46"N	178°47'46"E	
Add	Depth 8.2 meters Obstr [K41]	64°44'18"N	177°31'34"E	
	Depth 8.8 meters	64°29'06"N	178°50'28"E	
	Depth 14.8 meters	64°29'06"N	178°53'41"E	
	Depth 12.4 meters	64°28'14"N	178°52'54"E	
	Depth 13 meters	64°27'20"N	178°54'59"E	
	Depth 11 meters	64°26'21"N	178°52'32"E	
	Depth 9 meters	64°26'09"N	178°49'56"E	
	Depth 11.4 meters	64°24'16"N	178°53'51"E	
	Depth 7.6 meters	64°24'05"N	178°51'31"E	
	Depth 12 meters	64°21'40"N	178°55'24"E	
	Depth 11.4 meters	64°21'22"N	178°55'18"E	
	Depth 13.8 meters	64°18'20"N	178°57'17"E	
	Depth 8.8 meters	64°16'48"N	178°57'58"E	
	(35(5405)01, 5(571)03 St. Petersburg)			
97286	6Ed. 7/19/97	LAST NM 36/03	38/03	
Substitute	Depth 16.1 meters for 17.4 meters	33°55'51.1"N	130°52'01.4"E	
Add	Depth 16 meters	33°55'53.9"N	130°52'03.8"E	
	(32(1257)03 Tokyo)			
97380	7Ed. 8/23/97	LAST NM 23/03	38/03	
Add	Depth 34 meters R	33°21.0'N	129°08.3'E	
	(32(1239)03 Tokyo)			
97392	5Ed. 2/15/97	LAST NM 33/03	38/03	
Delete	Depth 34 meters	33°20'18"N	129°09'06"E	
	Depth 34 meters	33°20'06"N	129°09'12"E	
	(See 33/03-97392)			
Add	Depth 34 meters R	33°20'58"N	129°08'21"E	
	Depth 34 meters R	33°20'46"N	129°08'29"E	
	(32(1239)03 Tokyo)			
97396	14Ed. 8/30/97	LAST NM 33/03	38/03	
Delete	Depth 34 meters	33°20'18"N	129°09'06"E	
	Depth 34 meters	33°20'06"N	129°09'12"E	
	(See 33/03-97396)			
Add	Depth 34 meters R	33°20'58"N	129°08'21"E	
	Depth 34 meters R	33°20'46"N	129°08'29"E	
	(32(1239)03 Tokyo)			

SECTION I

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Chart 11377

NM 38/03

MOBILE BAY AND RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	45.9	46.4	43.7	2-03	600	7.0	47
MOBILE BAY:							
LOWER REACH (TO LIGHT 50)	40.2	44.5	43.4	2-03	400	11.8	45
UPPER REACH	31.2	40.4	34.4	2-03	400	13.4	40-45
THEODORE SHIP CHANNEL:							
BAY CUT	35.2	37.5	37.1	9-01	400	4.5	40

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 38/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12	1	45/02	11312	3	28,36,46/02;1,6,7,22,23,32/03	11368	22	38/02*;19,21,23,30,33,34,35/03	11475	16	51/02;13/03
20	3	18/03	11313	22	31/02;22,27,36/03	11369	44	9*;18,19,21,27/03	11476	19	6,34/03
22	1	18/03	11314	22	17*;21,22,32/03	11370	24	38/03*	11478	20	32/03*
50	6	32*;34/03	11315	30	37/02*	11371	36	35/03*	11479	4	N28,N29,N35,N50/02;
53	2	34/03	11316	39	17*;22,26,29,34/03	11372	30	2*;7,8,10,19,23,24,26,27,31/03			N6,N23,N25,N31,N34/03
70	4	7,34/03	11317	29	37,40,49/02;16,19,20,21,23,26,29,30,34/03	11373	42	31*;33,37,40,41,42,45,49/02;7,9,19,20,21,23,24,25,26,27,29,34,36,38/03	11480	38	30/03*
71	4	7,34/03	11318	1	N29,N46/02;N6,N24,N25/03	11374	31	45*;49,50/02;1,2,7,8,9,19,20,23,24,26,27,29,34,36,38/03	11481	4	42*;49/02;6,12,13,19,28,34/03
72	4	7/03	11319	31	17*;19,20,25,26,29,30,34/03	11375	35	1*;2,5,7,9,20,23,24,27,29/03	11484	21	34/03
73	4	34/03	11320	1	N28/02;N22,N23,N24/03	11376	48	29,31,40,43,50/02;2,7,19,20,21,22,23,24,25,26,30,36,37,38/03	11485	33	22/03*
101	3	48/02	11321	29	28,39,40,41,45/02;23,31,34/03	11377	5	38/03*	11486	15	36/03*
103	5	16/03	11322	28	19*;20,23,30,34,35/03	11378	32	11*;12,18,20,21,22,24,26,30,38/03	11488	24	7,17/03
108	9	32,35/02;34/03	11323	59	28,33,37,39,45/02;1,6,7,9,20,23,27,29,31,34,35,38/03	11382	39	46/02*;9,25,26,37/03	11489	34	8*;12,20,22,31/03
124	10	18,34/03	11324	32	31,33,37/02;1,6,7,9,10,16,20,21,23,25,29,30,31,37,38/03	11383	49	30,32/02;9,18,26,30,37/03	11491	33	28,29,30,34,37,38/02;12,30,34/03
125	7	21/03	11325	35	26*;38/03	11384	33	30/03*	11493	9	N39/02;N12,N20,N22,N31/03
126	39	21/03	11326	31	7*;9,16,20,21,22,23,24,30,31,33,35,38/03	11388	16	24,34/03	11494	8	N39/02;N22/03
200	3	37/03	11327	30	28,37,49/02;1,16,19,20,22,24,29,30,33,35,38/03	11389	32	28,33,37/02;2,7,32/03	11496	9	N32,N35/02;N1,N17,N19,N34/03
301	1	14,21,24/03	11328	22	36,37,39,47,49/02;4,6,16,20,21,22,30,36/03	11390	22	33,34,37/02;7,21,30,32/03	11502	28	14,17,20,22/03
302	1	2/03	11329	34	36,37,39,47,49/02;1,4,8,10,16,21,22,30,36,38/03	11391	22	33,34/02;7,21,32/03	11503	39	38*;39,43/02;12,14,17,20,22,31/03
310	20	2,14,21,24/03	11330	14	2*;4,6,7,8,17,19,20,21,22,23,27,30,31,34,35,36,38/03	11392	6	34/02;21,32/03	11504	15	12,22/03
400	3	31,32,33,35,45/02;29,33,34/03	11331	18	8,19,23,30,34/03	11393	20	30,35/03	11505	1	28,31,34,40,49/02;1,4,5,11,22,34/03
401	5	31,33,35,45/02;14,29,33,34/03	11332	28	42*;43,49,51/02;6,17,19,20,23,25,31,34,35,37/03	11400	34	39/02;4,9,11,12,13/03	11506	40	10*;19,22,28,34/03
411	49	19*;22,23,24,25,26,29,30,31,33/03	11333	1	N28/02;N35/03	11401	29	27/03	11507	31	9*;12,20/03
500	8	32*;34/03	11334	68	37*;38/03	11402	21	30*;34/03	11508	21	10/03*
501	12	9*;10,18,21,22,24/03	11340	39	14*;17,21,22,23,25,31,34,37,38/03	11404	21	50/02;9,19,27/03	11509	27	1,11,24/03
502	2	52/02	11341	39	14*;17,21,22,23,25,31,34,37,38/03	11405	29	38/03*	11510	18	34/02
507	2	45/02	11342	52	27*;29,31,34,35/03	11406	11	9/03	11511	16	11/03
508	2	45/02	11343	36	37,40,49/02;4,8,17,19,20,23,30,34,35/03	11408	28	3/03*	11512	59	10*;11,15,20,22,24,34/03
513	6	38/02;34/03	11344	35	9*;19,22,23,26,27,29,31,34,38/03	11409	28	32/03*	11513	23	32,49/02;1,24/03
520	127	38/02;34/03	11345	31	9*;38/03	11411	14	43*;45/02;7,20/03	11514	26	37*;40,49/02;4,5,15,22,24,34/03
521	11	34/03	11347	33	42*;43,47,49/02;4,6,7,8,19,20,21,23,25,26,27,29,31,32/03	11412	41	42*;45/02;1,6,7,11,12,13,14,20/03	11516	29	37,49/02
523	8	34/03	11348	19	6,7,20,25,27,31,32/03	11415	5	42*;45/02;1,2,7,14,20/03	11517	17	32/02;24/03
524	12	47/02;34/03	11349	40	38*;42,51/02;23,26,27,31,36/03	11416	5	42,48/02;1,2,6,11,12,14,20/03	11518	33	14*;19,28/03
526	10	47/02;6/03	11351	38	20*;22,23,25,27,30,31,34/03	11420	27	20*;21,22,25/03	11519	12	28/03*
530	30	37,38,40,52/02;6,10,18,21,22,24,34/03	11352	36	3*;7,8,9,20,22,24,26,31,34/03	11423	7	N39,N42/02;N4,N8,N15,N21,N22,N25/03	11520	41	38/03*
531	21	47,52/02;21,24,32,34/03	11353	2	35,38,43,45,49/02;4,5,7,18,20,21,26,27,31,34/03	11424	18	14,25/03	11521	26	32,35/02;9,19,24,28,34/03
532	17	38/02;34/03	11354	24	26*;31,34/03	11425	34	46*;49/02;4,25/03	11522	21	32,35,52/02;5,9,19,24,28,34/03
540	16	51/02;16,30/03	11355	25	38/03*	11426	36	38/03*	11524	46	8*;11,12,13,15,17,19,20,22,28,34/03
541	2	6/03	11356	35	38/03*	11427	33	2/03*	11525	6	N39,N40,N44,N46,N51/02;N4,N6,N8,N24/03
550	7	45/02;6/03	11357	36	38/03*	11428	32	52/02*;6/03	11526	10	20/03*
601	4	6,8,27,38/03	11358	51	31,39,42,51/02;7,21,32,34/03	11429	21	47/02*	11527	16	37/02;20/03
602	6	47/02;6,38/03	11359	11	39/02	11430	25	17/03*	11528	11	31/02*;11/03
603	6	47/02;10/03	11360	40	1*;2,5,6,8,19,23,24,25,26,27,29,30,34,35,37,38/03	11431	12	31/02*	11529	20	37/02
604	5	38/03	11361	70	21*;23,24,25,26,30,31,35/03	11432	14	7/03	11534	32	17*;36/03
605	4	6/03	11362	4	N28,N29,N31,N33,N36,N39,N40,N47/02;N2,N5,N6,N8,N19,N23,N24,N25,N26,N27,N29,N30,N34,N35,N37,N38/03	11433	13	N8,N15,N21,N22/03	11535	12	46/02
606	1	17/03	11363	38	29,35,38,40,43,49,51/02;4,5,7,18,19,20,21,22,24,26,27,34,38/03	11434	24	28/02;22,25/03	11536	16	38/03*
607	1	17/03	11364	39	3*;4,5,8,9,18,19,21,23,25,26,27,30,33,34,35/03	11435	11	7,8,21/03	11537	34	21*;23,26,35,36/03
622	9	47/02;6/03	11365	17	52/02*;9,32,34/03	11436	17	24/03*	11538	18	39,44,51/02;6/03
623	9	47/02;19,36/03	11366	7	48*;51/02;5,6,7,8,19,21,23,24,26,27,29,30,34,35,37/03	11437	35	38/02*;20/03	11539	33	8*;9,14,22,35/03
632	8	45/02	11367	32	38/03*	11438	14	7/03	11542	15	39/02
702	5	7/03				11439	25	6,7,15,22/03	11543	22	29,39/02;8,38/03
703	4	46/02;7/03				11441	39	36/02;6,7,15,20/03	11544	37	36/02*;8/03
705	3	46,52/02				11442	34	38/03*	11545	60	45*;47/02;6,8,14,22,23,24,35,38/03
707	2	34/03				11443	30	7,15/03	11547	35	29,30,37,47/02;6,8,14,22,23,35,38/03
708	3	34,36/03				11444	16	7/03	11548	38	47/02*
709	2	50/02;19,25/03				11445	8	28/02;15,22,25/03	11550	28	17/03*
1113A		20*;21,22,25/03				11446	36	30*;31/03	11553	28	8/03*
1114A		39/02;4,9,11,12,13/03				11447	35	38/02*;20/03	11555	38	36/02*;7,24/03
1115A		1*;2,5,6,8,19,23,24,25,26,27,29,30,34,35,37,38/03				11448	14	7/03	12200	47	38*;42,52/02;7,12,18/03
1116A		37*;38/03				11449	16	7/03	12201	25	N42,N52/02;N7,N12,N18,N24,N32/03
1117A		28*;30,31,32,34,35,36/03				11450	8	28/02;15,22,25/03	12204	35	10*;33/03
11004	7	28,31,37,39,40,42,43,45,47,51/02;5,6,7,8,9,14,18,21,22,23,24,25,26,27,29,30,32,34,36,37,38/03				11451	31	20*;22,25/03	12205	27	37*;43,52/02;18,28,33/03
11006	30	28*;36,39,40/02;2,6,19,21,23,24,25,27,29,33,35/03				11452	21	31/02*	12206	29	31*;33,38,46/02;10,28,33/03
11009	36	32,35,44,51/02;6,12,19/03				11453	16	7/03	12207	20	50,52/02;18/03
11013	45	38/03*				11454	38	36*;50/02;6,13,15,21,23,25,31,34/03	12208	9	23*;28/03
11300	39	28*;30,31,32,34,35,36/03				11455	16	28/02;7,25/03	12210	36	8*;33/03
11301	23	37/02;16,24,32/03				11456	36	52/02*;22/03	12211	41	10/03*
11302	29	34*;37/02;16,24/03				11465	36	30*;31/03	12214	44	14*;19/03
11305	1	N29,N36,N46/02;N1,N6,N7,N32/03				11466	37	47*;50/02;4,12,21,23/03	12216	27	47/02*;19/03
11307	36	28,31/02;22,24,27,35/03				11467	37	42*;43,49/02	12221	74	35/03*
11308	22	3*;7,10,23,25,32/03				11469	5	35,50/02;7,9,12,21,23,31/03			
11309	36	28,36,46/02;1,6,7,22,24,25,32/03				11470	36	10*;12/03			
11310	1	N46/02;N22,N23,N32/03				11472	31	8*;25/03			
11311	23	46/02;26/03				11474	10	6,17/03			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 38/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12222	44	26*,28,33,34/03	12366	27	51/02;20,27/03	13323	7	5/03	14360	36	33,36/02
12224	23	8*,33/03	12368	26	42/02*;24,25/03	13324	13	41,52/02;2/03	14373	2	34/03
12225	54	22*,33/03	12369	25	31*,44/02;32,35,36/03	13325	14	2,29/03	14386	3	36/02
12226	16	30/02;7/03	12370	18	39/02*	13326	12	41,43/02	14415	4	33/02;36/03
12228	29	43/02*	12371	23	27/03*	13392	2	6/03	14500	27	52/02*
12230	60	30*,34/03	12372	31	45*,47,48/02;2,5,6,23,25,36/03	13394	3	39/02*;9,21/03	14758		N32/03
12231	26	31,35,46/02;7,30/03	12373	14	2/03	13396	4	9,19,21/03	14769		N31/02*
12233	35	3*,4,5,6,14,34/03	12377	14	37/02	13398	3	36/02	14773	16	26/03
12235	29	30,31,47/02;4,6,7,17,33/03	12378	14	2,13,23/03	14002	57	32,34,36,37/03	14774	16	15/03
12237	26	47/02;17,25,34/03	12401	7	31*,47/02;2,13,33/03	14003	6	48,49/02;5,9,12,29/03	14775		N31/02*
12238	37	46/02*;1,4,7,19,25,34/03	12402	8	31*,33,47/02;13,34/03	14007		N38/03*	14776		N31/02*
12241	21	34,44/02;7,34/03	13000		N48,N49/02;N21,N26,N29/03	14008	76	38/03**	14777		N31/02*
12245	62	30*,33,34/03	13003	47	36/03*	14010	5	35/02;26,32/03	14803	26	5/03
12248	39	30,33,40,50/02;4,5,6,8,15,22,30,33/03	13006	31	36/03*	14024	5	33,36,39/02;12,22,36/03	14804	24	5/03
12251	23	35/02;4,6,7,15,26/03	13009	30	42*,48,49/02;1,9,18,23,36/03	14040	65	40/02;34/03	14813	21	2/03*
12252	23	33,34/02;4,7,10,15,17,30,35/03	13200	33	37,48/02;7,9,18,36/03	14041	12	34,36/03	14816	23	5/03
12253	43	35/03*	13201	10	N37,N48/02;N9,N18,N36/03	14042	3	34/03	14820	19	11/03*
12254	43	38*,43,44/02;30,34/03	13203	12	37/02	14043	7	21,26/03	14822	31	10/03*
12255	15	44/02;30,34/03	13205	36	37,42,45,48/02;1,5,23/03	14044	44	6/03	14823	30	1/03*
12256	13	33,44/02;24,30,34/03	13209	23	37/02;23/03	14061	27	6,9/03	14826	27	4/03*
12261	28	37*,44/02;7,18,22/03	13211	13	47/02	14062	17	32,36/03	14830	30	31*,34/03
12263	52	35/03*	13212	35	9*,13,36/03	14066	19	6,34/03	14832	34	52/02*
12264	28	38/02*;7/03	13213	40	14*,25,36/03	14067	11	6/03	14835	31	39/02
12266	27	30/02;20,30/03	13214	27	34*,45,48/02;5/03	14081	21	36/03	14836	27	42/02*
12270	32	9*,18,24,25,33/03	13215	17	45,48/02;1,5/03	14083	30	33/02	14837	27	3/03
12272	29	36,45/02;13,16,30,33,38/03	13216	1	N48/02	14087	58	33/02	14838	3	52/02*
12273	53	31,36,45,50/02;5,15,17,19,30,33,38/03	13218	38	29,42,45,51/02;5/03	14088	10	41/02*;34/03	14839	36	9/03*
12274	33	37*,50/02;5,15,17,30,33/03	13221	53	29,44,51/02;2,5,7,27/03	14089	29	41/02*;34/03	14842	12	39/02;2,4/03
12277	32	35/03*	13223	36	52/02;2/03	14090	2	33/02	14843	22	39,51/02
12278	72	36,45/02;19,25,30,33,38/03	13224	36	44/02;5,27/03	14091	6	41/02*	14844	31	4/03
12280	3	37*,43,45,46,47,50,52/02;1,6,7,18,28,33,38/03	13226	5	44/02;6,7/03	14110	42	32/03	14845	26	4/03
12281	49	12,19,25,38/03	13227	13	7/03	14111	7	14,32,34/03	14846	11	39,40/02;2/03
12282	33	31*,44/02;7,8,18,19,25,33/03	13228	11	51,52/02	14112	5	32/03	14847	30	40/02
12283	24	8,18,25/03	13229	27	39,42,45,52/02;1,7,19/03	14143		N38/03*	14848	56	31/02;9,17,21,22/03
12284	15	7/03	13230	46	2*,7,19/03	14144	29	38/03**	14850	51	7,21/03
12285	35	11*,14,19,22,34,36/03	13232	4	39,42/02	14146	2	32/03	14852	45	19*,21/03
12286	29	2*,4,6/03	13233	16	10/03	14151	2	37/02;32,34,38/03	14853	14	26/03*
12289	48	10*,19,22/03	13236	29	45/02;1,7,19/03	14168		N37/03	14854	13	17/03
12300	43	19/03*	13237	39	27/03*	14169	2	32,38/03	14864	26	37/02
12301	21	N28,N29,N37,N39,N42,N45/02;N5,N17/03	13241	15	34,42/02	14173	2	38/03	14865	16	4/03
12304	43	21*,26/03	13244	39	48/02;7,32/03	14176		N38/03*	14867	25	32/02
12311	42	38/03*	13246	37	36/03*	14180	38	36,38/03	14871	2	34/03
12312	52	10*,15,24,32/03	13249	12	22/03*	14183	15	38/03**	14873	2	35/02
12313	49	35/03*	13253	18	3*,8/03	14184		N32/03	14880	30	33/02;4/03
12314	30	46*,50/02;5,25,33,35/03	13260	39	36/03*	14186	2	36,38/03	14881	31	28*,33/02
12316	29	2*,6,32/03	13263	7	N36,N43,N48,N49/02;N1,N7,N9,N18,NP21,N23,N26,N29,N36/03	14187	2	38/03**	14885	20	51/02
12317	31	37,50/02	13264	103	36,49/02;9,P21,26,29/03	14189	2	36/03	14901	14	52/02*;5/03
12318	41	9*,32/03	13267	30	52/02;1,7,9,36/03	14190	2	37/03	14902	28	31/02;4/03
12323	23	40/02;4/03	13270	59	33,34,40,43/02;1,2,7,12/03	14191		N38/03*	14903	23	31/03*
12324	30	2*,8/03	13272	47	28,40/02;8,25,35/03	14192		N38/03*	14904	25	31,32,46/02
12326	49	35/03*	13274	24	45,52/02;1,2,16,32/03	14193		N38/03*	14905	29	31,35,37/02;5/03
12327	96	1*,2,8,12,13,14,16,18,19,23,29,33,34,36/03	13275	27	45,52/02;1,2,7,16/03	14196		N38/03*	14906	23	5/03
12331	30	8*,13,14,18,33/03	13276	22	36/03*	14197		N38/03*	14910	23	17/03*
12332	21	43,46/02;13,18/03	13278	25	1,9,32/03	14200	2	38/03**	14911	20	4/03
12333	32	46*,47/02;5,12,16,18,23,29/03	13279	30	20*,32/03	14201	15	38/03**	14912	17	31/03*
12334	66	30*,34,36/03	13282	11	21/03*	14202	21	38/03**	14913	18	31/03*
12335	39	1,8,23/03	13283	18	1,9/03	14205	7	38/03**	14915	25	28/03*
12337	22	28,31,45/02;13,18/03	13285	10	20/03	14206	20	34/03	14916	10	45/02*;17/03
12338	9	21/03*	13286	29	39*,40,50/02;1,9/03	14208	28	38/03**	14917	23	3/03
12339	43	23/03	13288	40	29,36,43,50,51/02;29/03	14209		N38/03*	14918	26	17/03
12341	26	36/03*	13290	34	36,40,43,50,51/02;7,16,29/03	14212		N38/03*	14922	19	51/02;9/03
12343	18	37/02*;7,21,27/03	13292	36	36,40/02;7,16,29/03	14221	26	40,46/02	14924	27	28*,32/02;5/03
12345	10	42/02*;21/03	13293	33	29,43,51/02;14,27/03	14222	16	46/02	14926	10	32/03*
12347	29	27,29,35/03	13295	11	2*,14/03	14223	18	38/03**	14927	24	31,32,35,37/02
12348	33	27,29,34/03	13296	25	43/02;27/03	14225	17	38/02;16,34/03	14928	21	4/03*
12350	57	39*,49/02;29/03	13298	10	43,52/02	14226	32	40/02;6,34/03	14929	24	14/03*
12352	29	34/02;17/03	13301	20	33,51/02;23/03	14227	28	40/02;6/03	14930	24	45/02
12354	40	38/03*	13302	21	41/02;2,7,9,32/03	14228	11	40/02;6,32/03	14931	24	35/02*
12358	19	46*,49/02;1,7,10/03	13303	12	48/02*;7,9/03	14240	6	34/02;1/03	14932	23	26/03*
12362	16	49/02	13305	28	40,41,49/02;2,7,9,36/03	14242	13	34/02;36/03	14933	24	35*,37/02
12363	39	28,44/02;6,23,27,32,36/03	13307	10	23,28/03	14243	8	34/02	14934	27	17*,26/03
12364	34	20*,23,25,27,32,36/03	13311	19	41,49,52/02;6,9,36/03	14244	5	16/03	14937	24	52/02*;2,17/03
12365	26	6,23/03	13315	11	49/02	14259	3	32/03	14942	25	35/02
			13316	22	28/03*	14260	47	35/02;26,32/03	14963	20	51/02
			13318	18	38*,41,52/02;5,6,21/03	14263	15	26,32,34/03	14965	21	11/03*
			13321	9	20/03*	14280	37	35/02	14966	25	14*,21/03
						14310	2	52/02;12,30/03	14967	22	5/03
						14329	5	32/03	14970	25	40,46,51/02
						14340	25	33,37,40,52/02;12,22,30/03	14973	27	15/03*
								30/03	14974	24	32/02
						14341	5	12,34/03	14975	33	52/02*
						14342	20	52/02;30/03	14995	11	52/02*
						14344	2	37,40/02	15043	3	34/03
						14345	5	37,40/02;12,22/03	15044	3	34/03
						14354	2	32/03	15066	5	32/03
						14357		N52/02	15313	1	15/03
						14358		N36/02;N34/03	15562		N41/02;N16/03

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 38/03**

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15569		N23/03	17316	20	28/02*;3,25/03	18400	43	2*,6,16,18,22,30,32,36,37/03	18600	14	33,37,38,40/02
15570		N23/03	17320	15	13,29,34/03	18401	12	34/03	18601	13	10/03
15585		N14/03	17323	10	13,22,29/03	18403	21	6,20/03	18602	12	26/03*
15690		N35/03	17325	7	29/03	18405	12	43/02;16/03	18603	16	9*,10/03
15744		N30/02	17327	20	5/03	18406	5	16/03	18620	23	35/02*
15880		N41/02	17360	33	31*,36/03	18411		N16,N20/03	18622	52	28,49/02;21,25,27,35/03
15954		N47/02*	17382	15	20*,36/03	18412	10	20/03	18623	11	34/02
16003	16	13,36/03	17383	1	31*,49/02;8/03	18413	15	20,22/03	18626	15	37/02;10/03
16004	11	13,17/03	17384	7	44/02	18414	9	20/03	18640	24	26,38/03
16005	9	36/03	17385	14	14/03*	18415	8	42/02;7,22,32/03	18643	17	26*,33/03
16006	33	6,32,35,36/03	17400	16	36/02;10,12/03	18416	6	P44,48/02;22/03	18645	24	50/02;33,38/03
16011	35	38/02;8,29,31,32,35/03	17401	10	1,36/03	18418	6	15/03	18647	15	2/03*
16012	21	38/02;34/03	17402	10	46/02*	18419	11	47/02;12/03	18649	62	33,36,38,41/02;4,6,21,26,33,38/03
16013	28	29,52/02;21,29,32,34,35/03	17405	14	12,25/03	18420	1	22/03	18650	51	28*,33,38,41/02;4,21,26,33/03
16016	19	34/03	17406	6	25/03	18421	45	2*,18,20,22,32,36,37/03	18651	42	15/03*
16042	7	39/02*	17409	10	39/02*	18423	33	1*,5,7,9,15,18,30,32,34,36,38/03	18652	32	36/03*
16061	8	37,49/02;13,17/03	17413	2	43,50/02;10/03	18424	25	7/03	18653	9	36,38,41/02;4,6,21/03
16200	13	36/03	17414	3	41/02	18427	21	35/02*;7,19/03	18654	42	28*,38,49/02;12,16,35/03
16220	5	36/03	17416	3	10,14/03	18429	9	3*,22/03	18655	58	49/02;12,16/03
16300	8	52/02;3,8/03	17420	26	36,37,42,43,50/02;1,10,12,14,20,36/03	18430	7	28/02*;6,7,22/03	18656	53	19*,21,33/03
16305	9	8/03	17422	8	52/02*	18431	6	2/03*	18657	18	30/02;4,21/03
16322	7	8/03	17426	13	37/02;1,16,20/03	18432	5	14/03*	18658	29	4,21,33/03
16363	12	38/02*	17427	7	21,36/03	18433	5	2*,22,32,36/03	18659	14	30,49/02;7,16,21/03
16381	8	8,25/03	17428	7	5,36/03	18434	4	P44,48/02;6,9/03	18660	2	29/03*
16440	13	37/02	17429	2	N38/02*	18440	26	3*,15,18,22,28,30,32,34,38/03	18661	27	15*,16/03
16441	7	37/02	17430	10	5,36/03	18441	42	30*,32,39/02;6,7,9,15,18,28,30,32,34,38/03	18662	20	30/02;7/03
16442	6	37/02	17431	11	5,36/03	18443	15	39/02;6,34/03	18663	5	14/03*
16480	10	38/02;34/03	17436	6	20/03	18444	15	39/02;34/03	18666	1	21,33/03
16500	9	9,33/03	17437	8	21/03	18445	29	28,32,33,39/02;6,7,9,10,15,18,22,25,28,34,36,38/03	18680	30	6,13,33,35,38/03
16520	21	2,31,33/03	17438	12	50/02;10,14,15,21,36/03	18446	15	6,7,9,18,19/03	18685	32	36/03*
16528	16	9,33/03	17441	7	10,15/03	18447	26	52/02;6,7,10,18/03	18687	13	8/03*
16529	14	50/02;9,33/03	17443	12	10/03	18448	32	33/02;10,15,22,34,36/03	18700	21	34,36,37/02;4,6,10,13,21,33/03
16530	6	50/02;33/03	17445	2	10,14,36/03	18449	17	7,34/03	18703	24	36,37/02;4,27,33/03
16535	12	2,21,31/03	17446		N10/03	18450	17	9/03*	18704	12	37/02
16549	14	4,16/03	17460		N5,N36/03	18452	16	34,38/03	18720	31	35/02;4,6,10,12,25/03
16553	3	17/03	17465	4	6,12/03	18453	24	14*,25,36,38/03	18721	11	35/02;6,10/03
16556	4	8/03*	17470		N23/03	18455	2	N39/02;N15,N34,N38/03	18723	3	6/03
16561	1	29,35/03	17471		N6/03	18458	15	19*,28,34,38/03	18724	1	22*,25/03
16566	10	29/03	17472	4	5,14,36/03	18459	5	N32,N39/02;N9,N15,N28,N34,N38/03	18725	27	32/03*
16568	12	39/02*	17480	4	43/02;5,10,36/03	18460	11	2*,6,7/03	18740	39	34,37,45,50/02;5,6,12,25,27,35/03
16575	1	39/02	17482		N7,N14/03	18464	23	24*,30/03	18741	18	N45,N50/02;N12,N27,N38/03
16576	3	42/02;6/03	17489	19	43/02	18465	35	2*,15,30/03	18744	30	37/02;35/03
16580	11	39/02	17495	2	43/02	18468	17	7/03	18746	34	34/02;5,13/03
16590	10	38/02*	17503	4	43/02	18471	9	36/03*	18749	38	40/02;5,6,16,21,26,28,31/03
16592	9	16/03	17513		N42,N43/02;N15/03	18473	7	4*,18,19,34,38/03	18751	42	40/02;5,6,16,21,26,28,31/03
16593	11	14/03*	17515	7	6,15,16,36/03	18474	7	45/02*;7,10,15,22,25,34,36,38/03	18754	16	36/02
16594	13	2/03	17517	8	6,15,16,34/03	18475	1	35/03	18757	10	13/03
16595	14	2/03	17518	7	P44,48/02;16,18,20/03	18476	4	32,39/02;7,9,28,34,38/03	18758	6	35/02*;16,33/03
16596	12	39/02*	17519	13	16/03	18477	5	7/03	18760	6	N34,N35,N45,N50/02;N6,N25,N35,N36/03
16597	8	43/02	17520	2	N6,N16,N34/03	18480	29	2*,6,7/03	18765	15	45,50/02;12,27/03
16598	9	43/02	17521		N15/03	18485	15	2*,10,29/03	18766	7	45,50/02;12,27,36/03
16599	6	43/02	17522		N15/03	18500	28	32,39/02;12,22,28/03	18768	4	N45,N50/02;N12,N27,N36,N38/03
16603	7	42/02;6/03	17523		N15/03	18502	84	30*,32,39,42,49/02;9,21,28,29/03	18772	47	21/03*
16606	11	37/02*;21/03	17524		N12,N15/03	18504	65	19*,35/03	18773	38	50/02;10,12,13,27,33/03
16608	3	6/03	17525		N15/03	18520	24	33,39/02;22/03	18774	10	35/02*;10,16/03
16640	24	21/03	17526		N15/03	18521	69	34*,39,49/02;4,10,12,21,22,24,29/03	19002	9	N37,N51/02;N16,N23,N29/03
16642	12	8/03	17528		N43/02;N6,N12/03	18523	53	33/02;4,12/03	19004	36	35,37,51/02;23,29,30/03
16660	28	29,42/02;6,16/03	17541	3	43/02	18524	33	28,31,33/02;4,6,10,24,29/03	19007	16	51/02;16,23,29,30/03
16662	6	29/02	17542	6	47/02	18525	33	28,31,33/02;4,9,29/03	19008	4	16,23,29/03
16663	6	29,42/02;6,16/03	17543	17	41/02	18526	55	28,31,33/02;4,18,29/03	19009	4	16,23,29/03
16665	7	29,42/02;6,16/03	17545	13	43,47/02	18527	21	31/02	19010	17	45*,51/02;23,29/03
16680	10	6,32,37/03	17546	22	42,43,47/02;24,34,35/03	18528	10	52/02*;18/03	19013	16	51/02;29,30/03
16681	10	37/02*	17548	28	16/03	18529	10	52/02*	19019	9	28/03*
16682	15	8*,17,19,37/03	17549	6	47/02;15/03	18531	20	31,34/02;9,10/03	19320	16	35,37,51/02;5,16,23/03
16683	9	3,6,17,32,37/03	17550	4	42,43,P44,45,47,48,52/02	18532	20	10/03	19324	22	35/02;5,23/03
16700	27	49,52/02;9,16,22,32,34/03	18000	8	45/02;6,10,21,36/03	18535	20	10/03	19327	10	23/03
16701	19	37/03*	18002	6	N45/02;N2,N6,N10,N21,N36/03	18548	5	8/03*	19330	9	27/03
16702	11	37/03*	18003	19	22/03*	18558	37	39/02	19331	7	23/03
16705	19	49/02;16/03	18005	4	N34/02;N6,N10,N13,N21,N26/03	18561	11	33,39/02;10/03	19339	1	N35,N49,N51/02;N5,N13,N30/03
16707	10	34,37/02;16,20/03	18006	3	N6/03	18580	21	33,38,39/02	19340	26	35,49,51/02;5,13,29,30,36/03
16708	25	37,49/02;16,20/03	18007	31	33,34,37,38,39,40,47,52/02;18,22,24,26,35/03	18581	17	49/02*;4,36/03	19347	17	29/03
16709	22	49/02	18008	7	N33,N34,N37,N38,N39,N40,N47,N52/02;N18,N22,N24,N26,N35,N37/03	18583	38	31,33,42,49/02;12/03	19348	7	29/03
16712	1	16/03	18009	2	N34/02;N6,N13,N26/03	18584	47	30,39,49/02;4,6,30/03	19353	12	27/03
16713	2	49/02	18010	20	33,34,37,38,39,40/02;6,13,26,33/03	18587	68	30,33,39,42/02;4,6,9,10,21,27,36/03			
16741	9	46/02	18020	36	34,37,45/02;6,10,13,21,26,36/03	18588	37	22*,36/03			
16760	10	51/02;28/03	18022	33	34,37,45/02;6,10,13,21,25,33,35,36/03						
16761	16	28/03									
17003	4	47,52/02;24,35,36/03									
17005	10	41,45,47,52/02;24,34,35/03									
17008	12	43/02;36/03									
17300	30	52/02*;21/03									
17302	18	51/02									
17303	9	37/02									
17315	23	2*,16,21,25/03									

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 38/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
19357	22	42*,49,51/02;5,13,30,36/03	22121	9	30,34,36,44,52/02;29,32/03	22429		N46/02;N10,N14,N17,N19,N27/03	24294	22	36/02;37/03
19358	20	28/02*	22124	2	34,52/02;6,29,32/03	22430	6	19/03	24320	4	28,34,43/02;6,17/03
19359	10	12,16/03	22125	1	36/02	22433	3	39,47/02;11,14,35/03	24321	3	6/03
19360	1	N37,N51/02	22126	1	36/02	22434	2	35/03	24322	6	28,34/02;6,17/03
19361	7	30/03	22130	2	44/02;14,17,29,32,38/03	22436	2	39/02;10,14/03	24350	2	31,51/02;18/03
19362	12	49/02	22138	2	41,44,48/02;6/03	22440	1	19/03	24355	2	51/02;25,37/03
19366	36	31,49/02;5/03	22140	2	30,34,36,44/02;25/03	22471	31	44/02	24360	1	25/03
19367	37	31,49/02;10/03	22142	2	39,41,43/02;25/03	22481	35	43,44/02;19/03	24370	1	34/02
19369	5	31,49/02;10,36/03	22143	4	26*,29/03	22482	16	44,50/02;23/03	24375	2	34/02;38/03
19379	1	N51/02;N5,N13,N30/03	22145	2	N41/02;N25/03	22492	3	34/03	24376	1	38/03
19380	14	51/02;5,13,30/03	22160	2	30,34,39,41,48,52/02;25/03	22521	3	12,17,34/03	24380	2	35/02
19381	8	49,51/02;26/03	22170	3	30,39/02;6/03	22523	3	12,17,34/03	24388	2	35/02
19382	15	26/03	22172	8	48/02*;4,6,29/03	22529	3	12,17,35/03	24404	8	35,44,48/02
19383	17	49/02;5/03	22173	36	48/02*;6,17,29/03	22531	2	12,17,35/03	24405	10	35,36,44,48/02
19401	8	10/03*	22180	2	30,34/02;32/03	23010	4	38/02	24406	30	2/03
19402	6	9/03*	22181	16	39,41/02;29/03	23020	4	22/03	24408	21	36,44,48/02
19421	7	8/03*	22182	6	30,34/02;14,29/03	23030	6	38/02;21,22,37/03	24410	2	44/02
19441	7	28/03*	22183	3	32/03	23121	7	30/02;17,20/03	24430	5	39/02;8,11,31/03
19442	5	14*,26/03	22190	2	30/02;29/03	23122	8	30,33/02	24431	14	39/02;31/03
19461	7	10/03*	22202	2	12,18/03	23123	3	30/02	24434	4	39/02
19483	6	11/03*	22221	20	12,31,34/03	23124	3	N30/02;N17,N20/03	24450	3	26/03
21005	5	45/02;2/03	22222	1	4,12,31/03	23125	4	30/02;17/03	24453	5	26/03
21008	62	39,42,43,50/02;1,2,36/03	22225	2	12,18/03	23131	7	31/02;12,22/03	24454	5	5,26/03
21011	5	2/03	22233	29	13,18,25,37/03	23141	7	34/02;22,37/03	24460	4	39,47/02;15,29,32/03
21014	72	42,50,52/02;2,3,4/03	22250	2	42/02;12,18/03	23142	10	8,37/03	24461	4	16,38/03
21017	50	41,50/02;4,5,6,9/03	22251	11	12,28/03	23145	3	37/03	24462	5	47/02;16,29/03
21020	42	41/02;5,6,7/03	22259	4	20,24/03	23150	10	37,52/02	24463	6	39/02;12,15,25,26,38/03
21021	3	45/02;13/03	22263	1	26,37/03	23151	3	12/03	24465	6	33,47/02;38/03
21023	41	34/02;7,8,9/03	22264	2	42/02;13,18,20,24,26,37/03	23152	3	37/02;12/03	24469	1	46,47/02;13/03
21033	46	32/02;1,16/03	22275	3	42/02;12,18,26/03	23153	8	31/02;12,13/03	24470	4	28,39,47/02
21036	7	1,16/03	22281	9	12,18/03	24000	39	29/02	24471	8	28,47/02
21120	27	47,50,51,52/02	22282	17	12/03	24004	36	29,30/02	24480	1	41,44,45,49/02;24,27/03
21121	18	47/02	22283	3	N12/03	24016	53	30,39/02	24482	2	49/02;31/03
21122	5	47/02	22284	7	N10,N38/03	24024	46	18,25/03	24483	2	49/02
21125	13	51,52/02;36/03	22290	4	18,30/03	24028	6	48/02	24484	3	49/02;31/03
21126	1	50/02	22293	15	18,26,37,38/03	24050	11	31,34,38,49/02;20,31,32,33/03	24490	3	31/02;25,27/03
21140	1	45,50/02;12,27,36/03	22294	15	12/03	24052	15	31,37,38/02;14,19,21,30/03	24491	3	31/02;27/03
21141	23	48/02	22305	2	18,24,30,34/03	24053	16	19/03	24492	20	31,46/02
21160	1	45/02	22311	19	8/03	24055	6	37,49/02;14,19,21/03	24501	3	27/03
21161	19	43,48/02	22312	2	13,30/03	24057	4	31,38,49/02;20,30,33/03	24502	6	46/02;27,34/03
21180	1	2,7/03	22313	2	44/02;8,18,38/03	24058	2	31,32,37,38/02;19,22,28,29,30/03	24504	7	41,45,46/02
21182	34	39/02	22314	1	44/02	24060	2	34/02;17,32/03	24508	3	22/03*
21200	1	2/03	22322	11	33/03**	24080	5	29/02;17/03	24509	2	45,50/02;15,25,34/03
21301	13	3,12/03	22331	2	N10,N19,N24/03	24091	6	6,21/03	24510	2	41,45,46,50/02
21342	28	41,44/02	22335	4	19/03	24092	14	6/03	24511	2	24/03
21384	3	6/03	22341	9	43/02;11,21,29/03	24100	5	29/02	24512	3	29,44,46/02;24,25,38/03
21401	20	7/03	22342	9	21,29/03	24101	3	37,41/02	24513	18	46/02;38/03
21441	27	34,44/02	22343	1	N43/02;N10,N11,N21/03	24102	3	37,41/02	24517	2	46,49/02;25/03
21478	3	9,16/03	22344	6	N23/03*	24110	3	29/02;35/03	25001	7	15/03
21482	1	36/03	22345	11	42/02;24/03	24130	14	29/02;5/03	25017	5	15,25,31,34/03
21510	1	9,16/03	22347	6	N23/03*	24133	6	31/03	25018	9	15,25,31,34/03
21520	1	29/03	22351	1	N43/02;N12,N35/03	24140	18	32/02	25400	1	35,48/02
21521	14	29/03	22352	6	12,19,24,35/03	24141	4	5/03	25401	1	42,46/02
21525	19	38/03	22360	2	19/03	24142	43	5,6/03	25485	45	36/03
21563	3	45/02	22361	2	N10,N30,N32,N33,N34/03	24149	1	32/02	25487	2	36/03
21601	4	31/03	22370	2	15,19,26,30,33,34/03	24150	27	29,30,32/02	25524	43	33/02;1,5,20,24,26,32/03
21602	1	28/02	22371	5	30,32,33/03	24151	4	29,32/02	25525	17	1,5,26/03
21603	9	5,31,36/03	22373	1	N50/02;N10,N24,N30,N32,N33,N34/03	24152	2	30/02	25526	2	33/02;24,32/03
21605	7	31/03	22375	1	N10,N15,N26,N37/03	24153	6	30/02	25527	31	33/02;24,32/03
21661	12	6/03	22377	1	N10,N13/03	24160	21	28/02	25528	5	42/02
22004	38	30,32,34,36,39,41,43,52/02;16,29/03	22379	1	N50/02;N10,N30,N32/03	24161	11	42/02;7,28,32/03	25550	2	21/03
22008	35	30,34,36,39,41,43,44,48,52/02;6,14,17,29,32,38/03	22381	4	N23*,N30/03	24162	9	42/02;6,7,28,32/03	25553	50	33/02;14,18,21/03
22012	31	30,34/02;6,29,32/03	22401	4	N45/02	24170	14	5,6,35/03	25565	7	33/02
22032	20	19/03	22403	1	N45/02	24171	19	5,6,37/03	25566	27	18,30/03
22036	28	47/02	22404	15	46/02	24172	4	5,6/03	25567	16	21/03
22050	4	12,26/03	22406	1	N1/03	24180	15	8/03	25570	3	31/02;16/03
22051	18	28/02	22407	1	N4,N11,N18,N30/03	24202	6	31,35/03	25575	4	31/02;35/03
22052	6	28,46/02;25,34/03	22408	1	N10,N21/03	24220	14	28/02	25600	47	25,27/03
22080	3	32/02	22409	4	N45/02;N10,N17,N22/03	24230	20	30/02	25607	4	39/02
22082	4	13,25,38/03	22410	32	43,44,46/02;19,23/03	24233	15	36,43/02	25608	21	16,26,34,38/03
22084	4	42/02;35,37/03	22413	1	N10,N13/03	24240	5	30,39/02;7/03	25609	5	30/02
22090	2	30,32,43/02;4,17/03	22414	2	42/02;15,19,22,26,30/03	24250	5	30,39/02;7/03	25613	2	30/02;25,27/03
22100	3	32/02;12/03	22417	1	N10,N25/03	24251	23	34,43/02;6/03	25640	40	28/02*;15,25,31,34/03
22101	19	32,43/02;37/03	22418	2	36,44,46/02;19/03	24252	5	30,39,43/02;6/03	25641	26	30/02
22102	19	17/03	22420	2	4,11,15,19,30/03	24260	5	34/02	25644	13	20/03*
22109	3	17/03	22421	4	N43,N44,N46/02;N11,N23,N25,N26,N27/03	24270	3	17,29/03	25646	7	N42/02
22111	4	32/02;17/03	22423	3	N11,N25,N27/03	24271	14	17,29/03	25649	18	30,35/02;4,31/03
22112	3	30,32,43/02;17,37/03	22424	2	44,46/02	24274	2	17,29/03	25650	33	30/02;25,30,31/03
22113	8	30/02;12,17/03	22425	2	44,46/02	24290	3	36,43/02	25653	13	8/03*
22114	5	32,42,43/02;17,33,37/03	22427	1	N43,N44,N46,N50/02;N11,N23,N25,N26/03	24291	4	36/02	25659	9	20/03*
22117	3	37/03				24292	4	36/02	25663	27	17,30/03
22120	3	30,34,36,39,41,43,52/02;29,32/03				24293	6	32,36/02			

SECTION I

NM 38/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 38/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
25673	15	28,42/02	28282	2	35/02	36098	6	5/03	37139	8	1/03
25675	9	20/03*	28300	1	39,50/02	36102	6	13/03	37140	33	29,31,35,49,51/02;4,6,16,24,25,30,32/03
25677	20	32/03*	28302	16	31,33,39,40/02;12/03	36103	9	13/03	37141	29	36,40,48,51/02;1,4,12,17,19,24,27,31/03
25679	10	20/03*	28310	2	31,33,35,39/02	36104	6	13/03	37145	23	46,50/02;4/03
25681	16	28*,34/03	28320	6	33/02	36106	7	47/02;5,13/03	37147	15	35,36,40/02;1,10,12,16,17,19,25/03
25683	18	32*,34/03	28321	36	29/02	36118	3	5/03	37148	13	35,38/02;4,10,11,27/03
25685	9	22/03*	28323	2	29/02	36120	9	31,46/02;5,8,16,23,27/03	37149	10	44/02
25687	12	30/03*	28325	2	29/02;5/03	36123	25	46/02;11,16/03	37150	8	31/02;14,19,26,27,32,33,35,37/03
25700	3	15/03	29002	9	18,29/03	36124	18	16/03	37161	14	31,34,43/02;1,14,19,24/03
25720	3	33/02	29015	5	16/03	36125	7	4,30/03	37162	12	21,26,27,30,32,33,35,37/03
25800	3	36/02	29107	2	29,36/03	36137	4	38/02	37163	19	32/03
25841	9	36/02	29121	5	32/02	36138	3	39/02;4/03	37165	2	34,36/02;10,12,13,15,21,23,26,27,28,30,32,34,35,37/03
25848	25	5,13,15/03	29122	5	32/02	36139	4	4/03	37166	2	14,19,21,26,27,30,32,33,34,35,37/03
25849	13	42/02;12/03	29127	4	29/03	36140	12	36,41/02;4,10,27/03	37170	11	38/02;14,19/03
26001	4	9/03	29141	3	29/03	36141	7	4/03	37175	2	5,27,30/03
26050	1	34/02;26/03	29142	3	7/03	36143	4	34/02;5,30/03	37180	20	38/02;27,31,35/03
26060	1	49/02	35000	26	47,48/02;14/03	36161	10	34,44,45,47,50/02;4,10,18/03	37182	14	35,47,48/02;24,27/03
26068	11	18/03	35008	21	45,48,50/02;5,25,27/03	36162	10	35,45,47,50/02;4,18/03	37183	9	48,51/02;10,24/03
26081	8	46/02;16/03	35009	19	40,41,45/02;5,10,14/03	36163	13	31,34,35,38,44,45,47,50/02;4,18/03	37184	8	48/02;5/03
26083	14	29/02	35011	2	48/02;1,25/03	36166	7	34,38,44,46/02;8,15/03	37200	15	28,30,35/03
26100	4	31/03	35016	17	29/02	36167	2	40/02	37202	2	22,27/03
26122	30	22/03*	35036	21	30,36/02;10,15,27/03	36173	1	40/02	37205	2	39/02;22,24,30/03
26127	21	49/02;5/03	35040	18	45/02;4,8,10,14,21/03	36180	23	36,40,50/02;4,27/03	37221	13	28,34,36/02;6,10,11,12,13,14,15,21,23,29,30,32/03
26128	50	49/02;5/03	35041	8	35/02;4/03	36181	18	36,40,50/02;4/03	37222	13	28/02;21,22,30/03
26142	10	33/02	35042	9	44/02;4,14/03	36182	6	36,40/02;27/03	37223	14	42/02;21,26,27,30,32,34,35/03
26210	2	36/02	35044	9	38/02	37000	22	28,47,48/02;14,23/03	37224	11	22,23,30,37/03
26218	2	31/03	35047	5	35/02	37005	16	41,45,47/02;5,12,13,15,23,28,29,30/03	37226	17	28,30,39/02;8,9,12,14,17,21,23/03
26219	5	31/03	35060	14	40,41/02;10,14/03	37010	23	41,45,47/02;10,12,13,15,19,23,27,28,29,30/03	37228	14	8,14,23,27,29,30/03
26229	11	31/03	35080	16	40/02	37025	26	38,51/02;1,24,25,27,31,33,34,36,38/03	37229	15	8/03
26230	12	31/03	35081	15	22,27/03	37032	2	1,6,25,31,38/03	37230	14	39/02;28/03
26240	7	9/03	35082	7	22,27/03	37033	2	47/02;33/03	37231	18	28,30/02;6,10,12,14/03
26244	3	9/03	35083	8	20/03	37034	2	8,14,33/03	37232	12	29,31/03
26245	16	51/02;15/03	35084	15	50/02	37041	15	50/02	37233	13	7,8,31/03
26259	2	51/02	35086	5	31/02;22/03	37042	5	41,45/02	37235	11	17/03
26261	27	8/03	35088	2	50/02	37043	17	43/02	37236	6	17,21,30,33,37/03
26262	3	8/03	35099	3	41/02	37044	16	45/02	37238	17	26,27,30,32,33,35,37/03
26282	6	22,23,34/03	35100	14	40,45/02;5,30/03	37045	11	45/02	37240	10	26,30,32,35/03
26290	1	21/03**	35101	6	41/02	37046	18	31,43/02	37242	7	27,30,32,37/03
26295	1	21*,22,34/03	35103	5	41/02	37050	9	42,46/02;10,12,17/03	37244	11	23,26,27,28,30,32,33,35,37/03
26300	7	21/03*	35120	13	40,45,47/02;5,30/03	37060	3	31,46,50/02;9,13,18/03	37248	18	39/02;21,23,24,26,27,30,32,35/03
26308	5	21*,22,23,34/03	35130	3	48,51/02;5/03	37061	15	36,38/02;5/03	37258	4	1,11,22/03
26309	26	11/03	35135	1	5/03	37063	21	28,36,50/02	37261	10	28/02;1,7,11,20,22/03
26312	2	21/03	35136	2	48,51/02	37075	3	31/02;5,18/03	37262	20	1,11/03
26316	3	21/03	35141	11	34/02	37080	3	30,33,34,38,40,42,44,45,46,51/02;1,4,7,9,14,15,18,20,21,22/03	37264	3	30/02;1,15,22/03
26320	5	28,29,35/02;7,12,22,23,25,31/03	35143	7	34/02	37081	23	28,38,43,50/02	37265	3	1,7,17,32/03
26323	4	1/03	35144	3	11/03	37082	9	28,44,50/02;11/03	37281	15	30/02;1,15,22/03
26327	2	N41/02*;N17/03	35150	3	48/02	37084	9	38,40,43/02	37320	16	28,38,44/02;9,10,11,P12,15,17,21,24,36,38/03
27005	4	6,8,9,22,23,34/03	35153	3	25/03	37085	8	38,40/02	37325	8	34,39,47/02;15,18/03
27040	5	9/03	35163	7	44/02	37086	8	38,50/02;4/03	37326	2	34,47,51/02;15,18,21,36/03
27041	4	50/02	35166	4	35/02	37087	7	38,40/02	37328	2	42,44/02;11,15,21,24/03
27060	2	22,23,34/03	35167	2	35/02	37088	9	5/03	37330	2	30,32,34,38,40,46/02;9,13,14/03
27080	4	15,22/03	35200	7	48,51/02;5,25/03	37089	12	28/02;4,13/03	37342	3	32/02;2,11,15,21/03
27081	6	49/02	35210	3	29/02	37090	8	32,45,51/02;1,7,9,14,16,22/03	37343	10	45/02
27082	6	49,51/02	35230	3	29/02	37095	3	28,32/02;1,7,9,11,14,15,16,20,22,32/03	37344	11	32,34/02;21,38/03
27083	39	28/03	35236	2	38,50/02	37103	9	29/02	37360	15	28,30,32,34,43/02;2,9,10,11,15,17,21,24,31,36,38/03
27084	4	13/03	35246	2	38,43/02	37104	3	41/02	37362	6	31,43,48,51/02;1,2,4,17,22,32,33,38/03
27100	2	31/02;8,21/03	35247	4	50/02	37106	4	32/03	37363	8	48/02;4,17,32/03
27102	11	28/03	35255	3	50/02;14/03	37110	11	28,29,47/02;20,25,31,32/03	37367	1	38,49/02
27120	4	41,43,44/02	35256	2	14/03	37112	1	47/02	37380	2	34,40,42,43,44,48,51/02;9,10,17,21,38/03
27142	5	9/03	35270	2	38,46/02	37115	2	28,29,33,47/02;7,25,31,32/03	37400	10	28,34,38,40,41,44,46/02;6,10,20,31,34,36/03
27160	2	8,13,35/03	35276	3	46/02	37119	2	43/02	37401	9	28,32,44/02;4,6,13,14,16,22,31,36/03
27161	4	8,13/03	35277	3	38,46/02	37120	2	29,39,42,49,51/02;4,6,21,23,24,25,26,27,30,32/03			
27163	21	49/02;8/03	35279	3	38/02	37121	11	29,31/02;25/03			
27183	8	1,9/03	35299	9	13/03	37122	12	48/02;19,31/03			
27186	8	1,9/03	35301	6	17/03	37123	9	49/02;6,20/03			
28004	1	45/02;8,9,22/03	35302	7	17/03	37125	15	42,49/02;6,9,20/03			
28006	1	8/03	35303	7	40/02;17/03	37126	8	41/02			
28050	3	28,34/02;26/03	35308	5	10/03	37127	11	49/02;4,6,20/03			
28084	4	17/03**	35330	2	38,41/02	37129	6	39,42,49/02;4,6,20,23,24,30/03			
28150	3	8/03	35350	2	38,41/02	37133	4	44/02			
28154	2	38/03	35400	11	30/02	37134	5	38/02			
28162	29	28/02	35402	3	38/02	37136	6	38,46,50,51/02;30/03			
28164	17	28/02	35420	13	30/02	37137	6	46,48/02;30/03			
28190	2	41,43,45,46/02;18/03	35421	14	31/02						
28196	4	41,43,45/02;18/03	35423	6	31/02						
28197	4	45/02;18/03	35424	3	30/02						
28202	22	41,44/02	36005	2	28,34,36,38,45,46/02;P12,14,17,24,25,27,31/03						
28210	2	33,35,39,41/02									
28220	2	35,39/02	36010	27	38/02;5,15,16,20,23/03						
28221	18	33,37,39/02;5/03	36015	2	36,46/02;27/03						
28223	4	35,39/02	36040	16	30/02;1,15/03						
28260	30	35,37/02	36046	5	38/02						
28263	3	35,37/02	36060	17	31,38/02;5,8,20,21/03						
28264	3	35,37/02	36061	5	46/02;20/03						
28265	3	37/02	36062	11	40*,46/02						
28281	32	36/02									

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 38/03**

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
52143	8	18/03	53268	4	42/02:7/03	54380	6	42/02:3,16,18,28,34/03	56067	3	48/02*:20,38/03
52144	5	50/02:3,7,8,10,14,16,18,21,23/03	53269	5	17/03	54382	9	16,28/03	56081	19	41/02
52161	14	6,11,14/03	53279	3	7,15/03	54386	10	42/02:16,18/03	56082	16	29/03
52164	2	14/03	53281	4	31,40,52/02:15,18/03	54387	7	42/02:16,18,30/03	56083	2	31/02
52170	3	14,16/03	53282	8	40/02	54389	8	43,52/02	56100	14	33/03*
52172	2	40/02:1/03	53283	4	33,52/02	54400	8	32,43/02:3,16,22,30,36,37/03	56101	6	33/02:1/03
52180	14	42,43,51/02:1,8,10,13,15,16/03	53284	4	33,40/02:7,21,24/03	54402	4	52/02	56102	23	1/03
52200	8	7,17/03	53285	4	35/02:7,15/03	54403	4	43,52/02:24,30,36/03	56103	6	30/02:1,33/03
52220	7	27/03	53287	6	35,42/02:1,5,7,8,10,15,22/03	54407	4	32,43/02:3,7,16,30,37/03	56104	3	22/03*
52221	7	27/03	53290	1	35/02	54409	2	32/02:7,8,12/03	56105	1	38/03*
52223	4	27/03	53301	4	22/03	54413	3	31/02:37/03	56120	12	1/03
52240	9	27/03	53302	4	51/02	54416	5	33,37/03	57029	9	12/03
53011	2	51/02	53303	6	49,51/02	54417	1	30/03*	57035	10	10,12,23/03
53031	1	28,30,39,48/02:5,12,14,24,31/03	53306	2	39/02:31/03	54418	4	32,43/02:3,7,16,30,37/03	57063	5	40,41/02
53058	2	4,37/03	53311	3	39/02:37/03	54419	2	3/03	57064	3	41/02
53060	14	28,30,32,51/02:4,5,9,10,12,14,31,36/03	54040	3	37/02:6,10,20/03	54421	6	28,47/02:36/03	57101	2	16/03
53061	10	28,30,44,47/02:12,16,17,38/03	54041	7	35/02:4,8,16,17,24/03	54423	5	48/02*:17/03	57120	13	43/02
53062	13	1,14,16/03	54043	2	29/02:17/03	54430	1	28,37,43/02:36/03	57140	10	43/02
53063	9	33*,37/03	54060	5	37/02:16/03	54440	4	30,41/02:17,38/03	57141	14	43/02
53064	6	33/02:10,20/03	54061	11	52/02	54441	6	30,42/02:2/03	57142	6	43/02
53065	2	33/02	54063	3	1,13/03	54462	5	17/03	57160	10	43/02
53066	2	33/02:20/03	54081	3	10/03	54464	5	17/03	57161	4	31/02
53081	8	30/02:4,5,11,16/03	54085	2	40/02:15,24/03	54480	8	30,36,41/02:2,17,21/03	57162	7	43/02
53082	13	40/02	54090	3	46/02*:11,15,19/03	54481	8	30,36/02:33/03	57164	2	43/02
53083	8	9,10,21,22/03	54095	3	46/02*:8,15,30/03	55001	4	29,36,37,42/02:14,15,28,29,33,35,36/03	57165	1	43/02
53084	6	51/02:14,16/03	54105	3	46/02*:8,13,17,19/03	55040	4	28,31,32,39,41/02:16,20,21,35,36/03	57170	1	43/02
53085	6	51/02:14,16/03	54115	3	46/02*:15,30/03	55041	7	32/02:21/03	57200	6	11/03
53086	8	46,48/02:17/03	54120	5	37,39,41/02:15,17,19/03	55042	1	28,42/02:17,35,37/03	57220	4	11/03
53087	9	48/02:17/03	54125	3	46/02*:15,17,30/03	55044	5	41,43/02:16/03	57241	12	31/03
53088	7	33/02	54140	7	41/02:15,30/03	55045	2	41/02	57260	3	23/03
53089	4	21,22,23/03	54151	1	3/03	55046	4	30,31,37,38,39,41,48/02:18,19,35,36/03	57261	2	23/03
53090	1	41/02	54161	12	10,20,21/03	55048	12	32,36,37,39,41,48/02:20/03	57262	4	23/03
53100	16	28,33,39,42,51/02:6,10,13,18,20,21,24,31/03	54165	2	33,37/02:38/03	55049	6	30,41,43/02	57381	12	52/02:15,16,23/03
53101	7	33/02:8,13,16,24/03	54166	3	10/03	55054	7	36,37/02:28/03	57400	4	12/03
53104	2	35,42/02:20,24/03	54167	2	20/03	55062	5	28,33/03	57408	2	12,24/03
53105	20	37/02:8/03	54168	1	37/02:10,17,38/03	55063	1	6/03	57420	3	12/03
53106	6	21,33/03	54169	3	37/02:17,38/03	55066	3	37,48/02:6/03	57421	3	12,15/03
53107	16	35/02:6/03	54180	6	41,43,50/02:5,30/03	55082	9	5,25,32/03	57472	2	12/03
53110	1	29,40/02:10,15,17/03	54195	2	5/03	55084	7	39/02	57488	6	24/03
53111	3	31,44/02*	54200	4	5,8/03	55085	9	5,31,33,36/03	61000	20	10,15,23,27,31/03
53120	14	28,39,42/02:5,6,7,13,17,31,35/03	54201	6	8/03	55100	8	29,36,37/02:6,28,29,33,34/03	61020	2	28/02:27/03
53122	3	29,40/02:7,8,16/03	54222	4	43/02:20/03	55101	4	7,25,32,34,38/03	61036	8	7/03
53123	3	7,29/03	54223	2	8/03	55102	3	4,5,15,25,32,36/03	61040	6	10,31/03
53125	2	46,51/02:13/03	54224	2	8/03	55103	2	29,48/02:1,4,5,7,15,19,20,25,26,27,31,35,36,38/03	61050	4	10,15,31/03
53130	1	42,47/02:10,13,18/03	54226	2	50/02	55104	2	48/02:4,5,7,14,19,31,33,36/03	61051	7	15,24/03
53133	4	33/03*	54227	2	50/02	55105	7	29,36,41,42/02:14,15,29,33,36/03	61060	5	12,27/03
53135	2	51/02:7/03	54266	2	13/03	55110	2	29,37/02:6,29/03	61061	9	10,12,15,24/03
53141	5	34,51,52/02	54279	4	50/02*:2,15/03	55112	2	36/02:6,14,28,33,34/03	61070	4	9/03
53147	3	36,39,42,51/02:6,7,10,13,17,20,35/03	54280	10	5,15,22/03	55128	2	33,36,38/02:1,4,5,8,14,26,27,28,32,34/03	61071	9	18/03
53149	2	31/02	54281	1	51/02	55129	7	33,36,37/02:6,15,27,34,35/03	61080	4	9/03
53160	14	51/02:3,6/03	54283	5	52/02	55130	2	45/02:5,14,19,32,33,34/03	61090	5	12,27/03
53161	8	51/02:3,8,13,18/03	54284	1	51/02:15,34/03	55131	1	36,45/02:6,19,25,38/03	61091	5	12,18,24,27,35/03
53162	7	50/02*:15/03	54287	7	5,15/03	55133	3	5,14,34,36,38/03	61092	13	18,27,35/03
53164	9	37,51/02	54288	5	1/03	55139	5	41/02	61100	4	10,12/03
53165	13	39/02:8/03	54289	8	1/03	55140	2	1,5,14,29,33,34,35,36/03	61110	3	28/02:25/03
53180	10	33,34,43,51/02:1,3,6,7,13,15,18,20,21,29/03	54300	12	31/02	55150	2	28,29,37/02:15,36/03	61111	12	25,27,34/03
53181	4	34/02:1,13,21/03	54302	1	31/02:21/03	55160	2	28,29,42/02:29/03	61112	10	35/03
53182	4	36/02:15,16/03	54318	3	1,14/03	55161	1	29/02:17/03	61120	4	28/02
53183	13	35/02:20/03	54320	4	48/02:1,24,25/03	55170	2	29,31,36,41/02	61130	3	28/02
53184	5	32,35/02:1,6,13,18,20/03	54321	2	25/03	55175	1	28/02	61141	6	38/02:35/03
53200	6	33,36,43/02:5,6,7,15,16,20,30/03	54322	7	1/03	55180	2	33/02:1,15,29,33,36/03	61142	6	38/02:7,35/03
53201	6	51/02:18,21,38/03	54327	4	31/02	55190	2	6,20,27/03	61180	4	38/03
53202	6	15,17/03	54329	4	5/03	55200	2	8,10,20,25,26,27,28,32,33,36/03	61190	4	39,41/02
53203	11	5/03	54332	7	1/03	56031	1	1,2,17,21/03	61200	5	13/03
53204	10	44/02:5/03	54333	3	25/03	56041	4	21/03	61300	2	7/03
53205	3	5,26/03	54334	3	25/03	56044	3	38/02	61310	2	33/02:7/03
53206	6	5,25/03	54335	3	5/03	56060	9	27*,38/03	61311	5	33/02
53220	6	36,43,51/02:5,16/03	54339	8	31/02:12/03	56063	1	16/03	61312	3	33/02
53223	5	29/02	54340	8	48,51/02:3,4,24/03	56064	6	38/02:2,16/03	61331	4	7/03
53226	3	3*,17,18,35/03	54341	4	23/03	56065	3	33,38/02:16,38/03	61400	2	7/03
53242	12	52/02:1,13/03	54343	10	48/02:4,5,11,12,13/03				61410	2	7/03
53244	2	1/03	54344	6	48/02:24/03				61430	2	7/03
53262	7	42/02:21/03	54346	8	11,12,13/03				61433	1	7/03
53263	1	37/02:17/03	54347	4	51/02				61434	2	7/03
53264	5	17/03	54350	4	51/02:37/03				61560	2	6/03
53265	6	35,41,46,52/02:15,16/03	54351	7	52/02:26/03				61581	5	28/03
53266	4	1,8,13,17/03	54352	3	52/02:1,3,33,37/03				61582	4	28/03
			54359	2	38/03				61591	4	28/03
			54360	12	52/02:20,21,34/03				61610	7	28,29/02:34/03
			54361	10	38/03				61611	11	28/02:34/03
			54362	3	52/02						
			54363	3	21/03						
			54364	2	52/02						
			54365	6	36/02:11,21/03						
			54369	4	52/02:20,21,34/03						

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 38/03

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
61612	4	28/02;34/03	62520	6	20*,28,32/03	71036	8	35,44/02;12,14,23,26/03	72094	2	29,38/02;7/03
61650	3	12/03	62521	4	N20*,N28,N32/03	71040	5	34,42/02;7/03	72100	7	29/02;7,19/03
62000	20	46/02	62530	6	20*,28,32/03	71042	1	34/02	72103	2	29/02;4,6,7,19/03
62001	5	11*,28/03	62531	4	N20*,N28,N32/03	71045	2	23/03	72105	2	36,38/02;7,11,19/03
62024	13	38,40/02;29/03	62540	6	29,31,32,34,40,45,48,50,52/02;8,12,17,18,21,30,35/03	71058	2	36/02	72107	2	29/02;7,19/03
62028	15	10/03				71059	1	36/02	72109	3	42,44/02
62032	16	11*,17,21/03				71061	15	36/02	72130	4	46/02
62033	3	N11*,N17,N21/03	62541	3	N29,N31,N32,N34,N40,N45,N48,N50,N52/02;N8,N12,N17,N18,N21,N30,N35/03	71066	1	39/02;6,7,10,24/03	72131	3	11/03
62046	3	19/03*				71081	3	21/03	72161	10	10/03
62050	6	44/02				71091	4	1,2/03	72181	2	36/02;7,11/03
62092	7	41/02	62550	3	16*,28,32/03	71140	6	33,39,46/02;1/03	72190	2	30/02;10/03
62093	7	41,49/02	62560	4	16*,18/03	71180	29	33,37/02;7,12,13,15,21,23/03	72201		8/03
62095	3	11*,32/03	62570	4	31,32,33,34,36,40,45,48/02;8,12,17,18,30,35,37/03	71183	13	32/02	72211	6	43/02;5,8/03
62097	6	38/03*				71185	24	7,13,15/03	72223	8	27/03
62098	7	33/03*				71186	2	7/03	72231	8	31/02;21/03
62100	6	P23,26/03	62580	3	32,33,45/02;12,35/03	71210	18	44/02;3,23,27/03	72234	2	18,19/03
62110	9	P23,26/03	62590	2	28,29,36,40,46,48/02;8,12,17,18,21,23,30,37/03	71211	4	38/02	72236	1	9,12/03
62140	1	34,40/02				71212	1	38/02	73000	9	40,52/02;10,20,21/03
62142	10	28/02;32/03	62591	3	N28,N29,N36,N46,N48/02;N8,N12,N17,N18,N21,N23,N30,N37/03	71212	1	38/02	73002	4	30/02;5,11/03
62143	3	28/02;32/03				71230	11	38/02;6/03	73004	4	10/03
62170	2	38/02				71241	10	6,12,16,20/03	73008	8	11,13,23/03
62171	4	38,47/02				71243	5	15/03*	73012	6	11/03*
62191	15	11*,15,28/03	63000	13	28,48/02	71247	18	5,6,8,14,17,21,22/03	73014	10	48,52/02
62193	17	31/02	63005	18	31/02;16/03	71248	2	N51/02*;N1/03	73016	4	44/02
62194	8	31,36/02;4/03	63010	14	29,31,52/02	71249	2	35/02	73020	9	9,21,22/03
62195	7	19/03*	63015	11	31,38,40,52/02;9/03	71251	11	35,40/02;1,15,21/03	73024	3	39/02
62220	9	21/03*	63020	15	31/02;4,9,11/03	71253	10	35,40,42/02;5,6,7,13,14,16,17,21/03	73030	4	22/03
62222	5	19/03*	63040	2	46/02	71255	6	28/03*	73032	4	9,22/03
62225	3	37/02;17/03	63050	2	46/02	71257	2	28/02;5,6,7,12,13,16/03	73041	2	5/03
62241	10	9/03	63052	3	31/02	71258	2	28,35/02;5,6,7,13,22/03	73191	3	7/03
62242	11	47/02;9/03	63055	2	29/02	71259	3	15*,17,19/03	73271	7	13/03
62250	4	34,38/02;32/03	63060	7	28,32/02	71261	8	35/02;2,16/03	73552	4	34,45/02;1,7,9,10,38/03
62270	4	37,41/02;29,32/03	63062	7	28,29/02;7,16,18,37/03	71262	7	6,33/03	73570	7	34,45/02;1,10/03
62271	5	37,41/02;10/03	63063	9	29/02;20/03	71265	3	46*,49/02;7,13,15,16,20/03	73580	4	52/02
62290	3	37,41/02;10,21,P23,26/03	63070	3	28,29/02;16/03	71271	10	30,34,52/02;19/03	73581	4	52/02;3/03
62295	3	21,P23,26/03	63080	5	28,31,48/02	71272	10	30,34/02;19/03	73590	6	31,47,52/02;36/03
62302	2	4/03	63090	8	31/02;15,30/03	71275	3	35/02;2,6,16,19,33/03	73601	3	31,34,35,47/02
62310	2	29/03	63091	4	32,39,48,52/02;9/03	71281	7	51/02;34/03	73610	4	31/02
62330	2	38,40/02	63100	2	44/02;30/03	71285	3	30,34,52/02;13,19/03	73641	5	36/02;16/03
62340	3	38/02	63102	15	15,30/03	71295	2	30,34,39,40,52/02;12,19/03	74000	6	36,47/02;2,7,18/03
62343	3	8/03	63110	4	40/02;16/03	71305	2	31,34,36/02;2,13,23/03	74002	2	28,35,47/02;31/03
62350	3	10/03	63111	9	48/02;9/03	71311	4	7/03	74003	5	28,47/02;7,10,31,34/03
62355	6	8,29/03	63120	2	44,48,52/02;8/03	71313	8	45/02	74004	2	35,37,39,47/02;9,30/03
62360	5	38/02;12/03	63121	5	48/02;5,8/03	71315	5	6,10/03	74005	2	31,34,35,46,47,51/02;4,7,9,16,27,30,38/03
62361	2	N38/02;N12/03	63150	1	31/02	71320	2	31,34/02	74006	2	31/02
62366	4	33/03*	63200	5	52/02;30/03	71325	8	5/03	74007	1	36/02
62391	5	33/03*	63201	9	40/02;30/03	71330	13	35/02;5,33,38/03	74008	6	51/02
62393	7	34,37,50/02	63205	3	30/03	71331	11	5,7,8,33,38/03	74009	10	38,49/02;8,9,21,36/03
62394	10	34,37,50/02	63210	3	45,52/02;16,30/03	71332	2	6,7,33/03	74010	10	37,40,49/02;6,8,19,20,27,36,37/03
62395	3	25/03*	63220	5	45,52/02	71335	2	8,38/03	74011	4	40/02;21,31,36/03
62400	17	33/02;4,9,31/03	63231	8	31,45/02	71340	11	40,46/02;2,4,5,6,7,33/03	74012	3	27/03
62401	9	6,10/03	63232	3	45/02	71343	3	7/03	74017	4	37,45/02;18,31,38/03
62402	10	10/03*	63233	15	31/02	71348	3	35/02;7,23/03	74018	6	44/02
62404	3	6/03	63240	4	19/03	71349	2	23/03	74020	4	33,37,38,43/02;5,18,31,38/03
62406	2	33/02;28/03	63250	6	29,40/02;11/03	71350	8	5,6,7,14/03	74021	7	33,35,39,44/02;7,10,26,31,35/03
62408	7	10/03	63252	1	33/03	71401	5	14,23/03	74024	7	31,44/02;36/03
62409	6	7/03	63271	8	52/02;8/03	71402	1	40,46/02;4,5,6,33/03	74027	9	43,44/02
62411	1	52/02	63290	7	31,32,38/02;10,22/03	71410	1	39/02;12,23/03	74030	6	28,51/02
62413	12	28/03*	63291	9	33/02;16/03	71420	1	38,39/02;3,12,14,23/03	74053	2	28,51/02
62417	1	52/02	63310	5	11/03	71430	3	11*,20,23/03	74054	2	28/02
62419	6	33/02;8/03	63320	8	30/02;37/03	71440	2	11*,23/03	74151	9	36,44/02;2,20,29/03
62420	5	33,37,39/02;8/03	63321	6	30,42/02;9,37/03	71445	1	7/03	74152	11	36,44/02;27,30,34/03
62429	9	39,43/02	63322	2	30/02;9/03	71450	1	7/03	74153	2	36,44/02;2,27/03
62431	8	37/02	63330	9	39/02;4/03	71455	2	11*,23/03	74162	4	36,46,47/02;8/03
62432	16	13*,30/03	63337	15	31,39/02;4/03	71460	1	41/02;23/03	74171	4	33,36,47/02;3,10,18,20/03
62433	12	30,31,34,45/02;1/03	63400	1	20/03	71470	2	38/02;14/03	74172	5	36,47/02;7,10,18/03
62434	9	40,46,52/02;8,12,17,18,21,23/03	63410	6	39/02;8,11/03	72000	8	31,32,35,47,50/02;2,20,21,23,24,27/03	74181	8	28,33,35,37,38,39,47/02;10,34/03
62437	10	30*,32,35,37/03	63413	5	39/02	72007	10	30,36,38,47,51/02;2,5,7,11,27/03	74182	12	28,33,35,37,38,39,41,42,44,51/02;6,10,17,25,34,38/03
62439	4	1/03	63417	2	39/02	72014	10	46/02;7,19/03	74183	11	38,39,42/02;4,6,17,25,38/03
62440	8	16/03*	63420	2	39,45/02;8/03	72021	8	31,36,38,47,50,51/02;7,20,23,27/03	74184	10	28,33,35,37,38,46,48/02;17,34/03
62441	10	36/02	63424	2	45/02	72028	7	31,34/02;22/03	74186	7	34/02;4,10,17,21,27,30,36/03
62442	6	24/03	71005	1	34/02;2,6,12,13,16,23/03	72035	8	31/02;8,21,27/03	74190	7	35,36,37,46/02;1,16,31,34/03
62453	4	16/03*	71006	5	39/02;23/03	72045	2	8,27/03	74191	2	35,46,48/02;1,7,9,29/03
62455	7	39,43/02	71009	3	39,46,48/02;1,6,7/03	72050	4	23/03	74192	3	28,35,46/02;1/03
62457	6	11/03*	71012	3	33,39,46/02;1/03	72060	8	32,50/02			
62459	2	6/03	71015	4	23/03	72070	4	32/02;2,9/03			
62460	4	31,33/02;10/03	71018	10	33,35,37/02;7,12,13,15,21,25,26,27/03	72075	2	9/03			
62464	2	31,49,50/02;4/03	71027	9	34,38,45,49/02;2,4,5,14,18,23,33/03	72080	7	51/02;2,9/03			
62480	2	16*,18,32/03	71033	31	37,38,49/02;3,12,14,15,23/03	72085	3	15/03*			
62490	2	16*,17,18,21,32/03									
62498	4	31/02;4,9,31/03									
62499	4	31,49,50/02;4,9,31/03									
62510	3	11*,12/03									
62512	3	N11*,N12/03									
62515	2	45/02									

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 38/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
74200	8	28,37,46/02;1,8,32/03	74583	15	32,34,40,43,44,48/02;	76180	1	28/03	93652	2	3,6,24/03
74201	9	32/03			38/03	81004	3	37/03*	93680	3	45,47/02;24/03
74202	3	1,7,27/03	74584	5	32,34,41,43,45/02;26,27,	81048	8	28/03	93690	2	44/02;6/03
74204	5	37/02;1,7,8,32/03			36,38/03	81054	13	14*,27,28/03	93698	3	45/02;28/03
74205	2	27,32,35/03	74590	2	28,51/02	81067	5	51/02;10,12,16,25/03	93710	3	6,15/03
74206	2	34/02;27,32,35/03	74591	7	40/02;8,38/03	81076	9	51/02;10,12,16,27,36/03	93720	10	39,45,50/02;8,15,17,20,
74210	7	7,17,37/03	74595	2	28/02	81092	3	38*,50/02;32/03			24,28/03
74220	8	35,47,51/02;30,37/03	75000	6	47/02;6,31/03	81711	6	31/03	93721	5	32,39,42,45,50/02;4,11,
74221	2	35,51/02;30,38/03	75001	3	47/02;5,6,31,32/03	81715	4	31/03			17,20,23,25/03
74229	2	33,37,43,47/02;18,26/03	75010	7	41,42,50/02	82005	5	17/03	93725	6	45/02;24/03
74230	7	28,39,42/02;5,7,36/03	75025	9	36,39/02;2,4,8,25,27,36,	82010	6	17/03	93726	4	48/02;8,12,17/03
74231	7	35/02;3,21,36/03			38/03	82200	2	17/03	93730	3	39,40,42,45,47,50/02;2,4,
74232	9	5,7,21/03	75035	18	36,39/02;2,6,26,27/03	82210	2	42,48/02			17,24,28,31/03
74234	1	8,17/03	75051	6	5/03	82242	1	35,48,50/02	93733	13	32,39,45/02;4,19,20,
74240	8	34,39,42/02;4,5,7,8,9/03	75110	2	50/02	82244	5	35,42,48/02;20/03			25/03
74251	8	31,32,34,37,42,44,46,	75120	2	42/02	82253	7	35,48,50/02;20/03	93734	11	32,45/02;4,19,20,25/03
		51/02;6,9,17,21/03	75130	16	31,34,41,50,51/02;5,7,8,	82646	2	33/02	93736	22	32,41/02;4,20,25/03
74252	9	47/02;5,7,9/03			16,19,25,26,37/03	82649	5	33/02	93778	8	47/02;7/03
74253	6	32,47/02;8,9,16,20,21,	75131	7	28/02;17/03	82683	4	33/02;17/03	94004	6	29,30,33,37,44,52/02;8,9,
		30/03	75132	11	31/02;17,19,25,29,32,	82684	3	33,38/02;7/03			10,12,17,18/03
74261	9	41,49/02;4,10,30/03			35/03	82689	3	38/02;17/03	94016	2	33,35,52/02;3,9,10,14,17,
74265	2	31,38,41,43,47,49/02;7,9,	75134	3	33,51/02;5,19,29,37/03	82694	6	38/02;17/03			21,33/03
		16,21,30/03	75142	5	28,36,42,50/02;35/03	82697	6	38,46/02	94028	7	40,42,52/02;1,6,7,8,9,11,
74270	3	31,38/02;7,38/03	75143	4	28,32,33,36,38,42,50/02	83010	6	6/03			14,17,21,24,27,31,33/03
74271	9	28,38,46/02;19,26,27,29,	75144	3	31,33,36,42,51/02;4,10,	83020	8	24/03	94033	5	19,21,23,29/03
		30,38/03	75150	5	18,25,30,38/03	83021	1	43/02	94040	13	30,37,47,51/02;6,8,10,17,
74272	7	32/02;4,19,29,30/03	75160	6	17,18,19,25,32/03	83023	4	43/02			18,28,31/03
74273	5	31,38,41,43/02;7,19,	75170	12	38,39/02;8,25,38/03	83025	1	12/03	94042	9	47,51/02;7,18,24/03
		27/03	75171	22	31,32,33,36,38,40,42,48,	83026	32	41/02;6/03	94060	10	29,30,33,37,46,47/02;7,8,
74281	7	3,30/03			52/02;1,6,16,26,35,38/03	83039	11	41/02;6/03			10,12,14,15,18,24,31/03
74283	2	46,49/02;27/03	75172	5	39/02	83251	2	2,12/03	94061	5	33,35,47/02;23/03
74285	2	31,34,35,45/02;1,9,16,	75173	9	31,32,33,36/02;1,6,20,26,	83252	8	2,12/03	94063	4	29,33,41/02;8,18/03
		38/03			35,38/03	83253	2	12/03	94067	10	33/02;10,11/03
74286	2	29,35/03	75175	9	31,33,38,40,45,50/02;6,	83392	5	31/02	94080	7	29,30,33,44,48/02;10,19,
74287	2	34,38,52/02;9/03			18/03	83393	2	N31/02			22,32/03
74289	5	9/03	75176	9	42,50/02;25,26,32/03	83397	6	1/03	94082	8	30,44/02;8,19,22/03
74290	11	34,39,45,46,48,49,51/02;	75177	7	38,48,50,52/02;6,26,	83425	6	35/02	94083	12	44/02
		1,7,9,10,16,27,30,38/03			38/03	83473	7	37/03	94120	6	33,38,48,52/02;9,10,17,
74292	8	34,38/02;9,27/03	75180	2	8,25,38/03	83484	10	23/03			18,21/03
74293	7	34,45,48/02;9,16/03	75185	2	47/02;8,36/03	83574	2	7/03	94122	7	30,40/02;35/03
74294	3	34,45/02	75190	2	47/02;25,36/03	83580	2	8/03	94123	9	33,38,42,44,52/02;9,10,
74295	3	4,9,27,29,35/03	75191	6	37,38,43,47/02;8,19,30,	91005	6	45/02;19/03			15,17,18,28/03
74296	4	34,38,49/02;9,27/03			34,36,38/03	91008	1	29,44,48/02;8,10,12/03	94124	13	38,42,44/02;10,15,17,25,
74320	3	35/02;8,18/03	75193	6	49/02;1,5,7,10,16,19,	91010	6	29,48/02;10,12/03			28/03
74340	3	16/03			35/03	91020	5	19/03	94127	2	33,38/02;6,9,13,16,18/03
74350	4	16/03	75207	2	36,52/02;4,16,33,37/03	91170	2	38,41,44/02	94160	7	33,38,44,46,47,50,51,
74376	5	43/02;9,16/03	75208	2	50/02;30,33/03	91280	7	19/03			52/02;9,10,12,16,17,18,
74380	4	32/02;8,9,26/03	75213	2	36,52/02;33,38/03	91294	8	19/03			19,28,31/03
74391	3	26/03	75215	2	36,39,40,52/02;7,33,	91297	9	19/03	94164	2	46,50,51/02;12,16,19/03
74392	7	39/02;25/03			38/03	92006	5	45,46/02;5/03	94165	4	50/02;18,24/03
74393	9	28,31,38,41,50/02;3/03	75220	12	36,39,49/02;4,20,26/03	92033	5	45/02	94180	9	32,42,44,47,50,51/02;23,
74394	2	28,31,41,49,50/02;3/03	75222	8	35,40/02	92290	2	19/03			28/03
74410	3	38/02;7/03	75240	4	36,39/02;2,4,27/03	92296	3	19/03	94184	2	N51/02
74415	1	39/02	75241	6	34,36/02;26,35/03	92560	4	45/02	94187	3	32/02;14,23,36/03
74420	3	45/02;19,27,30/03	75251	5	33,48/02;3,19,37/03	93006	2	39,45/02;4,8,10/03	94188	2	44,46,47,51/02;8,28/03
74430	2	49/02	75261	6	33,36,48/02;3,6,26,31,	93010	6	38,40,41/02;2,13,14,18,			
74440	3	32,39/02;2/03			38/03			24/03	94201	1	51/02;24,28/03
74450	3	49/02;2,37/03	75262	6	38/02;16/03	93018	8	1,14,18,24/03	94203	10	41,42,44,46,47,52/02;10,
74455	3	48/02;1,4,38/03	75263	9	32/02;5,26,31/03	93020	2	38/02;4,13/03			11,24/03
74460	4	37,40,46,49/02;6,20,	75264	17	33,34,37,41,42,44,45/02;	93025	5	45/02	94206	3	41,42,44,47,52/02;11,
		37/03			2,27,32/03	93030	6	45/02			19/03
74465	2	9,36,38/03	75265	2	6,20,31,32,38/03	93032	3	45/02;24/03	94207	5	N42,N44,N47,N52/02;
74470	2	8/03	76015	1	29,35,40/02;28/03	93043	1	45/02			N11,N19/03
74475	2	44/02	76030	9	49/02	93046	1	45/02;5/03	94208	6	N44/02
74480	2	44/02	76050	8	49/02;18,28/03	93047	2	45,49/02;24/03	94216	6	45/02;10,17/03
74485	3	43/02	76052	8	4,5,28/03	93048	1	35,49/02;5,14,33/03	94217	4	30/02;6/03
74493	3	38,43,45/02	76054	5	49/02	93049	1	45/02;4/03	94218	3	30,36/02;6,18/03
74494	2	41/02;8,9,16/03	76056	3	9,37/03	93061	4	45/02	94219	1	47/02
74510	2	33,35,37/02;5,10,17,18,	76060	7	40/02	93101	2	N34,N38/02;N2/03	94220	4	41,42,47,49/02;8,10,11,
		35,38/03	76061	3	40/02;9/03	93110	2	38,40,41/02;1,2/03			17,18,33/03
74515	4	28,33,35,39/02;4,7,10,31,	76070	9	35/02;28/03	93115	2	40,41/02	94260	5	49/02;1,6,11,31/03
		35/03	76071	9	35/02;28/03	93117	2	40,41/02	94280	5	51/02;15,32/03
74517	3	39,41/02;4,31/03	76080	8	1,18/03	93160	4	34/02;1,14,24/03	94281	6	6/03
74521	3	28,41/02	76081	7	28,37/03	93180	7	34/02	94282	9	46/02;8,03
74527	2	28/02	76083	3	1,37/03	93220	6	34/02	94283	7	46/02;2,8,12,32/03
74530	2	28,44/02;36/03	76140	7	46/02	93240	11	34/02;16,24/03	94290	2	1,7,31/03
74535	2	31,42,44,48/02;36,38/03	76141	8	46/02;28,37/03	93241	9	8,16,25/03	94322	14	8/03
74545	3	28,40/02;18,32/03	76142	1	46/02;37/03	93243	6	42/02	94360	6	32,43/02;6,13/03
74550	4	5,32/03	76144	1	28/03	93245	7	16/03	94361	13	32/02;13,15/03
74555	3	34,43,44,48,51/02;5/03	76146	1	28/03	93246	6	16,24/03	94363	4	32,43/02;16,18,29/03
74560	10	28,32,40,43,46,48,50/02;	76147	1	28/03	93260	8	31/02;7,18/03	94380	4	N5,N6,N18/03
		4,5,18,31,32/03	76150	6	35/02	93261	5	31/02;7/03	94384	3	5/03
74561	2	5/03	76160	4	28/03	93280	4	18/03	94420	3	39/02;4,8,11,13,14,23/03
74581	9	32,34,36,40,41,43,45/02;	76161	10	40/02	93360	5	38/02	94421	10	45/02;4/03
		27,31/03	76162	1	18,28/03	93520	13	45/02;15/03	94423	12	45/02;11/03
74582	9	28,40/02;17,20,27,31/03	76170	7	29/02;28/03	93610	3	44,45/02;6/03	94427	2	N32/02
						93650	2	44/02;6,24,28/03	94440	2	46/02;18/03
									95016	8	40/02

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 38/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
95040	8	40/02;11/03	95177	1	41,50/02;9/03	97080	5	16,22,26/03	97233	11	31,33,43,44,49/02;1,5,6,9,15,16,23,33,35/03
95041	7	23/03	95180	11	40,42,44,49/02;1,6,9,10,21,23/03	97082	5	46/02;16,34/03	97234	17	29,43,47,49/02;1,6,8,9,16/03
95060	13	40,43,44,47,48,52/02;1,6,11,14,17,19,21,23,29,31,33/03	95185	2	31,40,44,49/02;10,35/03	97083	3	29,34,35/03	97236	20	31,47/02;9,16,23,35/03
95065	5	48/02;10,31/03	95200	6	23/03	97100	4	28,42,47/02;16,17,26/03	97239	10	31,33/02;1,5,9,16,23/03
95066	11	41,43,44,47,48,49,50/02;1,5,6,17,19,21,23,25,27,31,32,33,37/03	95250	4	44/02;1,6,16,20,22,36/03	97101	1	28/02;21,25,26/03	97241	6	10/03
95067	13	41,44,46/02;1,5,10,17,23,28,37/03	95255	2	44/02;1,7,13/03	97104	4	7/03	97243	8	28,29,31,33,48/02;1,5,6,21,27,33/03
95068	1	41,42,45,47/02;12,14,17,25,28,29,37/03	95258	3	6,16,18/03	97108	3	21,25,26/03	97244	5	9/03
95080	13	30,33,40,44,45,50,52/02;1,6,7,9,10,14,17,19,21,24,25,27,28,30,31,32/03	95261	7	48/02;1,5,9,16,23,28,36/03	97120	6	28,31,37,40,42,43/02;9,14,16,17,25/03	97245	11	28,36/02;1,5,9,29/03
95082	9	30,33,44,46/02;1,4,7,11,17,25,27,28,30/03	95262	13	41,46/02;1,6,9,27,36/03	97140	17	33,37,39,43,45/02;7,9,14,16,25/03	97246	7	43,52/02;5/03
95083	8	33/02;1,4,19,28/03	95264	8	48/02;25/03	97143	11	31,43,45/02;9,13,20,25,26/03	97251	4	6,10,17,36/03
95084	7	50,52/02;8,12,17/03	95266	5	13,20,23,26,36/03	97144	14	44*46/02;7,8,9,13,20/03	97261	15	41/02;1,5,7,18,21,26/03
95085	4	45,52/02;1,6,11,12,27,33/03	95270	4	48/02;9,10,13,20,21,22,23,26,36/03	97145	1	43/02;8,9,25/03	97262	10	29,34/02;1,5,6,7,15,21,26,33/03
95086	5	45,52/02;1,6,8,11,12,23,27,31,33/03	95271	4	44,48/02;9,10,12,13,20,26,36/03	97146	10	44/02*15/03	97263	10	5,7,9,15,18,21/03
95087	3	33,40,48/02;1,8,30,31/03	95273	2	48/02	97148	9	45/02;9,27/03	97266	5	37,41/02;1,5,6,7,14,15,18,26/03
95100	12	38,39,43,44,45,46,47,50,52/02;1,4,6,7,8,9,10,17,23,25,27,28,29,31,37/03	95274	3	48/02;23,28,36/03	97149	20	34,35,44,45/02;1,16,25/03	97267	16	29,40,41/02;1,5,6,8,10,13,18,26,27/03
95101	8	39,44,50/02;1,5,6,9,14,17,28,31/03	95280	9	48/02;8,20,26/03	97150	13	34,39,43,44/02;20,27/03	97268	11	45/02;8,13,18,27/03
95102	8	38,42,45,46,47,48,50,52/02;1,4,5,8,13,14,17,23,25,27/03	95281	15	7,10,14,36/03	97151	16	31,35,44,45/02;12,13,14,16,20,25/03	97270	6	36,44/02;1,5/03
95103	8	42,43,45,47,52/02;4,6,7,10,12,19,27,28,31/03	95282	7	46,52/02;4,6,9,19,20,22,23/03	97152	8	37/02;20/03	97271	12	29,37,39/02;6,10,12,26,35/03
95120	7	42,43,52/02;1,4,14,21,26/03	95285	3	18,20/03	97153	7	31/02;16,20/03	97272	11	52/02;6,10,12,14,23,37/03
95138	8	45,46,48,49,50,52/02;8,16,17,19,23,24,25,27,28,30,35,36/03	95300	5	45,48,52/02	97154	2	36/02	97273	11	34/03*
95140	15	38,40,41,44,48,49,52/02;1,7,8,9,10,17,21,24,25,27,29,33,35,37/03	95320	15	35,38/02;20,21,26,33/03	97155	14	31,35,36,37,39,40,48/02;12,13,18,20,28/03	97274	19	31,34,39,45/02;6,9,15,17,18,23,37/03
95141	8	45,47,50,52/02;1,6,7,8,17,19,21,23,25,29,37/03	95341	8	42,47/02;1,10/03	97156	6	37/02;1,14/03	97276	1	29,40/02;9/03
95142	9	50,52/02;8,10,19,23,29/03	95342	16	30/02;9,13,16,20/03	97157	1	35,37/02	97277	11	1,5,6,8,9,14,35/03
95143	11	40,45,47,48,49,50/02;1,5,6,7,8,9,10,11,12,13,16,17,19,23,24,25,27,28,30,36/03	96004	14	44,45/02	97158	4	25/03	97278	11	39/02;1,20,35/03
95144	9	38,41,46,48,50,52/02;1,6,8,9,10,11,13,16,21,23,24,35,37/03	96020	4	41/02	97159	6	33,39/02;7,14,16/03	97279	9	9,27/03
95146	14	36,38,39,40,41,44,46,47,48,50,52/02;1,8,9,16,21,23,24,31,32,35,37/03	96032	3	38/02;34/03	97160	14	14,36/03	97280	4	52/02
95147	13	39,41,44,45,46,47,48,49/02;1,5,9,19,23,25,28,29,31,32,35,36/03	96036	2	36/03	97161	1	7,14,16/03	97281	2	41/02
95149	9	34,36,37,38,41,43,48,49,52/02;8,9,19,24,25,27,30,32,35/03	96039	7	30/02;23/03	97165	1	7,16/03	97283	3	45/02;9/03
95151	17	34,36,37,38,40,47,50/02;1,5,19,23,28,29,30,37/03	96041	11	30/02	97166	1	33/02;21/03	97285	6	31,34,42/02;7,13,17,36/03
95152	5	37,38/02;6,9,19,28,30,31,32,35/03	96042	11	10,21/03	97167	2	33/02;21/03	97286	6	31,34,35,36,41,42/02;6,8,10,13,17,35,36,38/03
95153	2	34,36,37,38,43/02;19,25,32/03	96044	10	29,30/02;23,38/03	97180	6	31,34,39,43,45,46,48/02;4,8,13,20,22,26/03	97287	5	34/02;20/03
95160	13	41,42,47,52/02;1,6,8,9,11,17,19,21,24,25,27,33,36/03	96120	6	30/02;21/03	97181	20	31,34,46,48/02;1,4,7,8,12,13,14,17,18,20,22,23,26,27,35/03	97288	3	45/02;9/03
95161	16	31,40,45,48,50/02;1,5,6,8,9,10,17,19,23,25,27,30,37/03	96140	5	30/02	97182	13	31,34,39,46,48/02;1,4,5,6,7,8,12,14,17,18,20,21,22,23,27,35/03	97300	6	1,13,25,26/03
95162	2	40,44,47/02;10,14,19,30,35/03	96379	1	10/03	97183	9	44/02;5,9,14,16,18,22,26/03	97303	3	47,48/02
95163	2	1,6,9,10,13,14,17,21/03	96381	2	10/03	97184	15	28,47/02;1,7,12,14,18,22/03	97320	6	33/02;14,25/03
95164	4	43,48/02;1,6,9,27/03	96382	2	10,12,21/03	97185	2	43/02;1,7/03	97340	8	33,38,52/02;16,17,18,22,36/03
95167	10	44/02;1,6,9,11,14,17,21/03	96400	4	12/03	97187	3	44,48/02;9,18/03	97341	9	34/02;16,21/03
95169	2	44,50,52/02;11,16,23/03	96441	1	41/02;10/03	97188	2	44,48/02;9,18/03	97342	14	38/02;17,18,22,27/03
95171	1	1,6,9,21,37/03	96480	3	41/02	97189	3	1,7,13,17,20,22,27,35/03	97343	12	38/02;17,25/03
95172	1	1,9,21,32/03	96500	6	41/02;10/03	97189	2	28,44/02;9,14,18,22/03	97360	6	38/02;5,7,13,18,27/03
95173	1	50,52/02;1,28/03	96520	7	10/03	97190	2	34,39,52/02;8,13/03	97380	7	39,47,52/02;1,2,8,16,23,38/03
95174	1	50,52/02;12,27/03	96540	5	10/03	97200	9	52/02;8,16,17,22,25,26,29/03	97381	7	7,13,27/03
95176	2	31/02;8,11,30,35/03	96560	5	10/03	97201	7	18,28/03	97382	2	41,45/02;4/03
			96580	3	10/03	97202	15	43,44,52/02;20,25/03	97383	16	31/02;5,7,13/03
			96620	3	38/03	97204	9	28,29,45,52/02;4,6,10,19,20,25,33/03	97384	4	47/02;19/03
			96660	4	36/03	97205	3	18,28/03	97385	10	31,52/02;5,6,7,9/03
			96760	4	29,35,45/02	97206	2	23/03	97387	2	4,5,7/03
			96762	3	29/02;17/03	97218	3	41/02;6,33/03	97389	1	39/02
			96763	7	29,43,48/02;9,17,32,37/03	97219	4	31/02;6,9,13,20,23,25/03	97390	5	31,39,40/02;2,5,12,16,36/03
			96764	3	34/03*	97220	3	31,37,39,42,43,44/02;6,8,9,17,18,23,29,33/03	97391	26	31/02;6,7,12,16/03
			96800	4	41/02	97221	20	31,37,39,42,44,45,49,52/02;6,8,9,10,13,17,18,19,20,22,23,25,26,29,33/03	97392	5	1,21,23,26,33,38/03
			96901	3	7/03	97222	12	28,47/02;10,22,29/03	97396	14	36,39,40/02;2,16,17,23,33,38/03
			96902	2	45/02	97223	3	42,44,48/02;16,17,22,23/03	97397	7	39,49/02;16,26/03
			96903	3	34/03*	97224	6	46,47,49/02	97398	3	49/02
			96910	1	10/03	97225	31	37,39,42,44,45/02;6,8,9,10,17,18,19,23,25,33/03	97400	4	34/03*
			96937	2	40/02	97226	7	18/03	97410	8	17,19/03
			96938	4	4/03	97227	11	42,43/02;9,18,30,34/03	97412	7	40/02
			96939	3	4,7,9,22/03	97228	15	28,30,39,40,42,43/02;5,6,9,15,17,18,20,21,22,27,29,35/03	97420	17	34,39,42,47,52/02;1,8,10,33,38/03
			96941	8	47/02	97229	12	31,36,39,47/02;6,8,9,18,28,33/03	97423	2	35,36/02;1,13,20,26,36/03
			96943	15	44/02;1,9,10,12,20,22,23,33/03	97230	18	29,36,52/02;6,9,28,33/03	97425	6	34,39,47,52/02;1,6,8,10/03
			96944	6	45,52/02;6,13,20/03	97231	11	41/02;6,23,33/03	97440	8	52/02;1,16,19,27/03
			96945	3	43,52/02;20,22,23/03	97232	8	22,25,33/03	97441	5	46/02
			96947	15	6,12,13/03				97443	6	15,19,25/03
			96948	8	21,22/03				97460	7	40/02;5,19,21/03
			96949	21	45/02;22/03				97461	9	5,8,19,21,22,23,26/03
			96960	3	7/03				97465	9	1,6,8,19,20,22,33,37/03
			96962	4	30,35/02;1,9,22,33/03				97466	2	46/02;1,23,27/03
			97000	3	17/03						
			97040	5	43,47/02						
			97041	9	45,47/02;10,12,22/03						
			97042	7	14,20/03						

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 38/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
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Chart No.	Ed. No.	Notice to Mariners No.		
97469	10	1,6,8,19,20,22,33,37/03		
97471	5	N31/02;N22,N33/03		
97472	8	34/02;33/03		
97474	7	22/03		
97480	7	35,52/02;3,9,10,17,18,21/03		
97481	6	47,49/02;9,18,20/03		
97483	7	48,52/02;20/03		
97521	6	42/02;16,18,20/03		
97564	3	16/03		
800744	1	N49/02;N5,N12,N13,N16,N36/03		
801217	1	N6,N8,N19,N20,N22,N33,N37/03		
801885	3	N28/02;N34/03		
801902	9	N25,N31/03		
802202	8	N31,N35/02;N1,N7/03		
804037	1	N28/02		
804567	4	N31/03		
805118	3	N12,N36/03		
805647	2	N37,N51/02;N30/03		
806927	8	N25,N30/03		
807370	5	N17,N25,N30,N31/03		
807861	2	N22/03		
808365	2	N14/03		
809055	7	N16/03		
809310	9	N39/02		
809679	2	N50/02;N12,N27/03		

SECTION II

NM 38/03

NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.			Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date			
REGION 1							
11ACO11013 (7642014010096)	Straits of Florida (LORAN-C)	1,200,000	<u>45</u>	<u>7/03</u>	NOS	1-94	38/03
11XHA11355 (7642014010227)	Catahoula Bay to Wax Lake Outlet including the Houma Navigational Canal (Not shown on index)	40,000	<u>25</u>	<u>7/03</u>	NOS	1-94	38/03
11BCO11356 (7642014010180)	Isles Dernieres to Point au Fer (LORAN-C)	80,000	<u>35</u>	<u>7/03</u>	NOS	1-94	38/03
11BCO11357 (7642014010182)	Timbalier and Terrebonne Bays (LORAN-C)	80,000	<u>36</u>	<u>7/03</u>	NOS	1-94	38/03
11XHA11367 (7642014010228)	Waveland to Catahoula Bay (Not shown on index)	40,000	<u>32</u>	<u>8/03</u>	NOS	1-94	38/03
11XHA11370 (7642014010233)	Mississippi River-New Orleans to Baton Rouge (Not shown on index)	40,000	<u>24</u>	<u>7/03</u>	NOS	1-94	38/03
11AHA11377 (7642014015237)	Mobile Bay-Approaches and Lower Half	40,000	<u>5</u>	<u>6/03</u>	NOS	1-94	38/03
11BCO11405 (7642014010187)	Apalachee Bay (LORAN-C)	80,000	<u>29</u>	<u>6/03</u>	NOS	1-94	38/03
11BCO11426 (7642014010191)	Estero Bay to Lemon Bay (LORAN-C) Inset: Continuation of Peace River	80,000 40,000	<u>36</u>	<u>7/03</u>	NOS	1-94	38/03
11AHA11442 (7642014010147)	Sombrero Key to Sand Key (LORAN-C)	80,000	<u>34</u>	<u>7/03</u>	NOS	1-94	38/03
11ACO11520 (7642014010114)	Cape Hatteras to Charleston (LORAN-C)	432,720	<u>41</u>	<u>7/03</u>	NOS	1-94	38/03
11AHA11536 (7642014010163)	Approaches to Cape Fear River (LORAN-C)	80,000	<u>16</u>	<u>8/03</u>	NOS	1-94	38/03
12AHA12311 (7642014010331)	Delaware River-Smyrna River to Wilmington	40,000	<u>42</u>	<u>8/03</u>	NOS	1-95	38/03
12BHA12354 (7642014010354)	Long Island Sound-Eastern Part (LORAN-C)	80,000	<u>40</u>	<u>8/03</u>	NOS	1-95	38/03
<u>14XHA14007</u> <u>(7642015019383)</u>	<u>Can. 4022, Cabot Strait and Approaches-Scatarie Island to Anticosti Island</u> <u>46 00 00N 61 53 30W</u> <u>49 10 00N 58 27 30W</u>	<u>350,000</u>		<u>12/91</u>	<u>CHS</u>	1-36,39, 50,51,95	38/03
14ACO14008 (7642014010483)	Canceled					1-36,39, 50,51,95	38/03
<u>14XHA14143</u> <u>(7642015019384)</u>	<u>Can. 4451, Iles de La Madeleine</u> <u>47 00 00N 62 11 42W</u> <u>47 58 00N 61 09 00W</u>	<u>110,655</u>		<u>3/87</u>	<u>CHS</u>	1-36,39, 95	38/03
14XCO14144 (7642014010556)	Canceled					1-36,39, 95	38/03
<u>14XHA14176</u> <u>(7642015019388)</u>	<u>Can. 4426, Restigouche River</u> <u>47 58 30N 66 45 58W</u> <u>48 10 00N 66 16 58W</u> <u>Plan: Dalhousie Harbour</u> (Plan not shown on index)	<u>36,360</u> <u>7,200</u>		<u>8/02</u>	<u>CHS</u>	1-36,39, 95	38/03
14XHA14183 (7642014010618)	Canceled					1-36,39, 95	38/03
14BHA14187 (7642014014478)	Canceled					1-36,39, 95	38/03

NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.			Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date			
<u>14XHA14191</u> (7642015019391)	<u>Can. 4416, Havre de Gaspe</u> <u>48 48 30N 64 32 05W</u> <u>48 53 00N 64 22 58W</u> Plans: <u>Marina de Gaspe</u> <u>Quai Public Wharf</u> (Plans not shown on index)	<u>12.000</u> <u>4.000</u> <u>4.000</u>		<u>11/01</u>	<u>CHS</u>	1-36,39, 95	38/03
<u>14XHA14192</u> (7642015019392)	<u>Can. 4906, West Point to Baie de Tracadie</u> <u>46 36 48N 64 57 58W</u> <u>47 35 06N 63 59 42W</u>	<u>100.000</u>		<u>3/88</u>	<u>CHS</u>	1-33,35, 36,39,95	38/03
<u>14XHA14193</u> (7642015019393)	<u>Can. 1432, Lake St. Francis</u> <u>45 00 54N 74 38 18W</u> <u>45 15 30N 74 12 00W</u>	<u>25.000</u>		<u>7/99</u>	<u>CHS</u>	1-36,39, 95	38/03
<u>14XHA14196</u> (7642015019397)	<u>Can. 1410, Lake Saint-Louis</u> <u>45 17 30N 73 58 59W</u> <u>45 27 12N 73 40 19W</u>	<u>25.000</u>		<u>4/02</u>	<u>CHS</u>	1-36,39, 95	38/03
<u>14XHA14197</u> (7642015019396)	<u>Can. 1409, Canal de La Rive Sud</u> <u>45 23 52N 73 43 59W</u> <u>45 31 42N 73 28 59W</u>	<u>20.000</u>		<u>4/02</u>	<u>CHS</u>	1-36,39, 95	38/03
14ACO14200 (7642014011080)	Canceled					1-33,35, 36,39,95	38/03
14XHA14201 (7642014010620)	Canceled					1-36,39, 95	38/03
14XHA14204 (7642014010628)	Canceled					1-36,39, 95	38/03
14XHA14205 (7642014010624)	Canceled					1-36,39, 95	38/03
14AHA14208 (7642014010514)	Canceled					1-36,39, 95	38/03
<u>14XHA14209</u> (7642015019400)	<u>Can. 1311, Sorel to Varennes</u> <u>45 40 30N 73 28 06W</u> <u>46 04 24N 73 04 48W</u> Plan: <u>Terminal Contrecoeur</u> (Plan not shown on index)	<u>40.000</u> <u>10.000</u>		<u>11/99</u>	<u>CHS</u>	1-36,39, 95	38/03
<u>14XHA14212</u> (7642015019403)	<u>Can. 1313, Batiscan to Lac Saint-Pierre</u> <u>46 14 36N 72 45 12W</u> <u>46 30 42N 72 11 00W</u> Plan: <u>Port de Trois-Rivieres</u> <u>46 20 30N 72 31 30W</u> Plan: <u>Port de Becancour</u> <u>46 24 20N 72 22 30W</u>	<u>40.000</u> <u>15.000</u> <u>15.000</u>		<u>7/00</u>	<u>CHS</u>	1-36,39, 95	38/03
14AHA14223 (7642014010521)	Canceled					1-36,39, 95	38/03
REGION 5							
<u>56AHA56105</u> (7642015078286)	<u>Al 'Alamayn</u> <u>30 48 30N 28 54 50E</u> <u>31 08 00N 29 29 15E</u>	<u>50.000</u>	<u>1</u>	<u>8/03</u>	<u>A</u>	5-5,7, 43	38/03
REGION 6							
62AHA62097 (7642014013360)	Approaches to Bandar at Tawahi (Aden Harbor)	75,000	<u>6</u>	<u>6/03</u>	A	6-24	38/03
MISCELLANEOUS CHARTS AND PUBLICATIONS							
DNCDX008 (7644014354834)	Southern Europe		<u>19</u>	<u>6/03</u>	DS	10-43	38/03
DNCDX009 (7644014332876)	Central Mediterranean		<u>16</u>	<u>5/03</u>	DS	10-43	38/03

NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.			Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date			
DNCDX016 (7644014337966)	Bahamas/Bermuda		<u>18</u>	<u>5/03</u>	DS	10-43	38/03
DNCDX017 (7644014337969)	Eastern United States		<u>34</u>	<u>6/03</u>	DS	10-43	38/03
DNCDX018 (7644014562137)	Northeastern United States/Canada		<u>16</u>	<u>5/03</u>	DS	10-43	38/03
DNCDX024 (7644014482139)	Sea of Okhotsk		<u>3</u>	<u>5/03</u>	DS	10-43	38/03

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
D	10.75	F	9.00	H	2.50	R	2.50

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 DS Distribution Limited
 GPO Government Printing Office
 NOS National Ocean Service
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For questions concerning the availability and distribution of announced charts, users should contact the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

PUB 192 (Continued)

vessels over 90m in length; for vessels with a beam greater than 13m; and for vessels with a draft exceeding 8m which navigate the Jade or Weser.

(Ger NM 14/03) 38/03

Page 167—Line 7/R; read:

to arrival. Vessels of 300m or more in length and with a draft of 16.5m or greater are obligated to employ

(Ger NM 14/03) 38/03

PUB 194 9 Ed 2002 LAST NM 37/03

Page 98—Lines 4 to 5/L; read:

the edges. Two conspicuous silos stand in the vicinity of the harbor. It is reported (2002) that a conspicuous wind generator, 100m high, stands on the coast close SE of the harbor.

(Dan NM 42/02) 38/03

COAST PILOT CORRECTIONS**COAST PILOT 7 35 Ed 2003 Change No. 1 LAST NM 37/03**

Page 1—Paragraph 2, line 4; read:

<http://nauticalcharts.noaa.gov/>. A subscription to the Local ...

(NOS/03) 38/03

Page 164—Paragraph 2572; insert after:

§165.9 Geographic application of limited and controlled access areas and regulated navigation areas.

(a) *General.* The geographic application of the limited and controlled access areas and regulated navigation areas in this part are determined based on the statutory authority under which each is created.

(b) *Safety zones and regulated navigation areas.* These zones and areas are created under the authority of the Ports and Waterways Safety Act, 33 U.S.C. 1221–1232. Safety zones established under 33 U.S.C. 1226 and regulated navigation areas may be established in waters subject to the jurisdiction of the United States as defined in §2.38 of this chapter, including the territorial sea to a seaward limit of 12 nautical miles from the baseline.

(c) *Security zones.* These zones have two sources of authority—the Ports and Waterways Safety Act, 33 U.S.C. 1221–1232, and the Act of June 15, 1917, as amended by both the Magnuson Act of August 9, 1950 (“Magnuson Act”), 50 U.S.C. 191–195, and sec. 104 the Maritime Transportation Security Act of 2002 (Pub. L. 107-295, 116 Stat. 2064). Security zones established under either 33 U.S.C. 1226 or 50 U.S.C. 191 may be established in waters subject to the jurisdiction of the United States as defined in §2.38 of this chapter, including the territorial sea to a seaward limit of 12 nautical miles from the baseline.

(d) *Naval vessel protection zones.* These zones are issued under the authority of 14 U.S.C. 91 and 633 and may be established in waters subject to the jurisdiction of the United States as defined in §2.38 of this chapter, including the territorial sea to a seaward limit of 3 nautical miles from the

baseline.

(FR 7/18/03) 38/03

Page 528—Paragraph 203, lines 13 to 15; read:

The National Oceanic and Atmospheric Administration’s **Marine Operations Center, Pacific**, operates two piers on the E side of the lake which serve as the shipbase for the National Ocean Service’s Pacific fleet. The N side of the N pier has a 510-foot ...

(CL 1200/03) 38/03

Page 528—Paragraph 204, lines 1 to 2; read:

A drydock company adjacent to the Marine Operations Center, Pacific, has several floating drydocks, the largest of

... (CL 1200/03) 38/03

Page 570—Paragraph 123, lines 3 to 5; read:

point in the vicinity. **Pepeekeo Point Light** (19°50'50"N., 155°04'58"W.), 147 feet above the water, is shown from a 75-foot steel pole with a white and black dayboard on the N side of ...

(24/03 CG14; LL/03) 38/03

Page 586—Paragraph 345, line 1; read:

Lahaina Light (20°52'20"N., 156°40'43"W.), 44 feet ... (22/03 CG14; LL/03) 38/03

Page 607—Paragraph 659, lines 4 to 5; read:

breakwater extending N from Kaneilio Point and the opposing boulder groin from the ...

(24/03 CG14; LL/03) 38/03

Page 647—Paragraph 11, line 1; read:

Seattle: Director, Marine Operations Center (Pacific), National ...

(CL 1200/03) 38/03

COAST PILOT 7 35 Ed 2003 Change No. 2

Page 105—Paragraph 1299; insert after:

§110.238 Apra Harbor, Guam.

(a) The Anchorage grounds (Datum WGS 84). (1) General Anchorage. The waters bounded by a line connecting the following points:

Latitude	Longitude
13°27'32.0"N	144°39'36.8"E
13°27'21.0"N	144°39'22.8"E
13°27'12.5"N	144°37'25.4"E

and thence along the shoreline to

Latitude	Longitude
13°27'45.5"N	144°39'34.8"E

COAST PILOT 7 (Continued)

and thence to the point of beginning.

(2) Explosives Anchorage 701. The water in Naval Anchorage A bounded by the arc of a circle with a radius of 350 yards and located at:

Latitude	Longitude
13°26'54.0"N	144°37'53.5"E

(3) Naval Explosives Anchorage 702. The waters in the General Anchorage bounded by the arc of a circle with a radius of 350 yards and with the center located at:

Latitude	Longitude
13°27'29.9"N	144°38'13.0"E

(4) Naval Anchorage A. The waters bounded by a line connecting the following points:

Latitude	Longitude
13°26'47.3"N	144°37'42.6"E
13°27'02.0"N	144°37'42.6"E
13°27'10.6"N	144°39'00.8"E
13°26'59.6"N	144°39'00.8"E
13°26'59.6"N	144°39'08.6"E
13°26'54.3"N	144°39'08.6"E
13°26'54.3"N	144°39'24.2"E
13°26'42.2"N	144°39'24.2"E
13°26'40.4"N	144°38'01.8"E

and thence to the point of beginning.

(5) Naval Anchorage B. The waters bounded by a line connecting the following points:

Latitude	Longitude
13°26'43.7"N	144°39'53.3"E
13°26'53.6"N	144°40'03.8"E
13°26'51.0"N	144°40'06.0"E
13°26'41.0"N	144°39'56.0"E

and thence along the shoreline to the point of beginning.

(b) *The regulations*—(1) *General Anchorage*. Any vessel may anchor in the General Anchorage except vessels carrying more than 25 tons of high explosives.

(2) *Explosives Anchorage 701*. Vessels carrying more than 25 tons of high explosives must use Anchorage 701, unless otherwise directed by the Captain of the Port.

(3) *Explosives Anchorage 702*. Except Naval vessels using the anchorage as directed by local Naval authorities, no vessel may anchor so that any part of the hull or rigging, or the anchor tackle may extend into Anchorage 702 at any time.

(4) *Naval Anchorages A and B*. (i) Except as provided in paragraph (b)(3)(ii) of this section, non-naval vessels

may not anchor within these anchorages or use the mooring buoys therein without permission of the local Naval authorities obtained through the Captain of the Port. (There is a user charge for the use of these mooring buoys.)

(ii) Small craft that are continuously manned and capable of getting underway may anchor within these anchorages during daylight hours without prior approval of the Captain of the Port.

(5) *General regulations*. (i) Vessels may use the Naval mooring buoys in the General Anchorage without charge for a period up to 72 hours if authorized by the Captain of the Port. Vessels so moored shall promptly move at their own expense upon notification from the Captain of the Port.

(ii) Except for vessels not more than 65 feet in length, all vessels shall anchor in an anchorage ground.

(iii) Vessels anchored in an anchorage ground shall place their anchors within the anchorage ground so that no portion of the hull or rigging at any time extends outside the anchorage ground.

(iv) No vessel may anchor in the harbor for more than 30 consecutive days without permission of the Captain of the Port.

(33 CFR 110)

38/03

Page 181—Paragraph 3050; insert after:

§165.1401 Apra Harbor, Guam—safety zones.

(a) The following is designated as Safety Zone A—The waters of the Pacific Ocean and Apra Outer Harbor encompassed within an arc of 725 yards radius centered at the center of Wharf H. (Located at 13°27'47"N. and 144°39'01.9"E. Based on World Geodetic System 1984 Datum)

(b) The following is designated Safety Zone B—The waters of Apra Outer Harbor encompassed within an arc of 680 yards radius centered at the center of Naval Wharf Kilo. (Located at 13°26'43"N., 144°37'46.7"E. Based on World Geodetic system 1984 Datum)

(c) *Special regulations*. (1) Section 165.23 does not apply to Safety Zone A and/or Safety Zone B, except when Wharf H and/or Naval Wharf Kilo, or a vessel berthed at Wharf H and/or Naval Wharf Kilo, is displaying a red (BRAVO) flag by day or a red light by night.

(2) In accordance with the general regulations in 165.23 of this part, entry into these zones is prohibited unless authorized by the Captain of the Port, Guam.

§165.1402 Apra Outer Harbor, Guam—regulated navigation area.

(a) The following is a regulated navigation area—The waters of the Pacific Ocean and Apra Outer Harbor enclosed by a line beginning at

13°26'47"N., 144°35'07"E; thence to Spanish Rocks at 13°27'09.5"N., 144°37'20.6"E; thence along the shoreline of Apra Outer Harbor to

13°26'28.1"N., 144°39'52.5"E (the northwest corner of Polaris Point); thence to

13°26'40.2"N., 144°39'28.1"E; thence to

13°26'32.1"N., 144°39'02.8"E; thence along the shoreline of Apra Outer Harbor to Orote Point at 13°26'42"N.,

COAST PILOT 7 (Continued)

144°36'58.5"E; thence to the beginning. (Based on WGS 84 Datum)

(b) Regulations:

(1) Except for public vessels of the United States, vessels may not enter Apra Outer Harbor without permission of the Captain of the Port if they have on board more than 25 tons of high explosives.

(2) Except for vessels not more than 65 feet in length, towboats or tugs without tows, no vessel may pass another vessel in the vicinity of the Outer Harbor entrance.

(3) Vessels over 100 gross tons shall:

(i) Steady on the entrance range at least 2 miles west of the entrance when approaching Apra Outer Harbor and;

(ii) [Reserved]

(iii) Steady on the range when departing Apra Outer Harbor.

(4) Vessels may not anchor in the fairway. The fairway is the area within 375 feet on either side of a line beginning at

13°26'47"N., 144°35'07"E; thence to

13°27'14.1"N., 144°39'14.4"E; thence to

13°26'35.2"N., 144°39'46.4"E; thence to

13°26'30.8"N., 144°39'44.4"E. (Based on WGS 84 Datum)

(5) Vessels over 100 gross tons may not proceed at a speed exceeding 12 knots within the harbor.

(6) No vessel may leave Apra Outer Harbor until any inbound vessel over 65 feet in length has cleared the Outer Harbor Entrance.

(33 CFR 165)

38/03

Page 182—Paragraph 3061; insert after:

§165.1404 Apra Harbor, Guam—security zone.

(a) The following is designated as Security Zone C—The waters of Apra Outer Harbor, Guam surrounding Naval Mooring Buoy No. 702 (Located at 13°27'30.1"N. and 144°38'12.9"E. Based on World Geodetic System 1984 Datum) and the Maritime Positioning ships moored thereto. The security zone will extend 100 yards in all directions around the vessel and its mooring. Additionally, a 50 yard security zone will remain in effect in all directions around buoy No. 702 when no vessel is moored thereto.

(b) In accordance with the general regulations in §165.33 of this part, entry into Security Zone C is prohibited unless authorized by the Captain of the Port, Guam.

(FR 33 CFR 165)

38/03

**AMERICAN PRACTICAL NAVIGATOR
CORRECTIONS**

PUB 9

Ed 2002

LAST NM 14/03

Page 563—Line 19/L; read:

$C = 5/9(F - 32^\circ) = K - 273.15^\circ$

(NIMA)

38/03

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7610	Spring Point Ledge Light	43 39 06 N 70 13 24 W	FI W 6s (2R sectors)	54	11 14	White conical tower on black cylindrical pier, on end of breakwater.	White from 331° to 337° covers fairway entrance, white from 074° to 288°; red in intervening sectors. Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 10s (1s bl).
					*		38/03
South Brother Island Channel							
27590	- <i>Lighted Buoy 1</i>	40 47 59 N 73 53 29 W	FI G 2.5s		4	Green.	
							*
							38/03
31190	- LIGHT 19	40 36 50 N 73 27 42 W	FI G 2.5s	12	4	SG on pile.	
							*
							38/03
37300	- Channel Lighted Buoy 10	40 38 35 N 74 07 41 W	Q R			Red.	
							*
							38/03
Burlington Bay							
39615	- Breakwater North Light	44 28 50 N 73 13 48 W	FI W 2.5s	35	7	NW on skeleton tower with concrete base worded DANGER BREAKWATER.	Maintained from May 1 to Nov. 1. HORN: 1 blast ev 15s (2s bl).
							*
							38/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8535	- <i>Lighted Buoy 23</i>	39 13 26 N 76 14 49 W	FI G 4s		4	Green.	Replaced by LIB of lower intensity from Dec. 1 to Mar. 15.
							*
							38/03
*12616	<i>Weanack Channel Entrance Lighted Buoy 2WC</i>	37 20 12 N 77 16 16 W	Q R			Red nun.	Private aid.
							38/03
*12617	Weanack Channel Buoy 4					Red nun.	Private aid.
							38/03
*12618	<i>Weanack Channel Buoy 5</i>					Green can.	Private aid.
							38/03
Dymer Creek							
16030	NORTH POINT LIGHT N	37 39 15 N 76 17 59 W	FI W 4s	15	6	NG on pile.	
							*
							38/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16045	- ENTRANCE LIGHT 6		FI R 4s	15	3	TR on on multi-pile structure.	
					*		38/03
27460	- LIGHT 7		FI G 2.5s	15	3	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
					*		38/03
27470	- LIGHT 9		FI G 6s	15	3	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
					*	*	38/03
	*Add Heading: *Silver Lake						
*29056	- Buoy 9A					Green can.	
							38/03
	*Add Heading: *Big Foot Slough Channel						
29060	- LIGHT 10	35 08 35 N 76 00 20 W	FI R 4s	15	3	TR on pile.	Ra ref.
							38/03
31095	- Bouy 11						<i>Remove from list.</i>
							* 38/03
31100	- Buoy 12						<i>Remove from list.</i>
							* 38/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	*Delete Heading: *San Antonio Channel						
31095	LA PUNTILLA FINGER PIER B LIGHT						<i>Remove from list.</i>
							* 38/03
31100	LA PUNTILLA FINGER PIER A LIGHT						<i>Remove from list.</i>
							* 38/03
	*Add Heading: *San Antonio Channel						
31105	PIER 1 LIGHTS (3)	18 27 36 N 66 06 48 W	F G	10		On dolphins.	Private aids.
							38/03
*34733	- Daybeacon 40					TR-TY on dolphin.	
							38/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Charleston Harbor - Savannah River							
35805	SAVAGE ISLAND LIGHT 34	32 09 00 N 80 51 06 W	F I R 4s	16	3	TR-TY on pile.	
				*			38/03
Walls Cut							
35840	- LIGHT 42	32 05 00 N 80 54 48 W	F I R 4s	16	3	TR-TY on dolphin.	
				*			38/03
Fields Cut							
35860	- LIGHT 47	32 05 18 N 80 55 42 W	F I G 4s	16	4	SG-SY on dolphin.	
				*			38/03
ST. LUCIE INLET TO FORT MYERS AND LAKE OKEECHOBEE (Chart 11428)							
Okeechobee Waterway							
St. Lucie River							
50635	- Lighted Buoy 2	27 10 00 N 80 10 54 W	F I R 4s		3	Red nun.	
		*					38/03
CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*1105	Energy Resource-106-10 Lighted Buoy Marks subsea installation.	28 03 14 N 94 02 48 W	F I W 2.5s			White with orange bands.	SIGN: Energy Resource-HI-544-2 Private aid.
							38/03
4010	FORT BARRANCAS RANGE REAR LIGHT 350 yards, 000° from front light.		F G	54		KRW on skeleton tower.	Visible only on the rangeline.
						*	* 38/03
14335	BRILLIANT POINT LIGHT 163 RDB mile 163.5.		Iso G 6s		7	SG on skeleton tower.	
					*		38/03
20929	- RANGE FRONT LIGHT 197 yards, 046.3° from front light.		F G	37		KRW-I on skeleton tower.	Visible only on the rangeline.
	*	*				*	* 38/03
21545	- RANGE C FRONT LIGHT	29 45 27 N 93 53 23 W	Q R Q R	25 27	3	KRW on skeleton tower on piles.	Visible all around, higher intensity on rangeline.
		*	*	*	*		38/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Delete Headings: *GALVESTON BAY ENTRANCE (Chart 11324) *Houston Ship Channel							
22886.05	- Buoy 2	29 22 27 N 94 47 35 W				Red nun.	
		*					38/03
*22886.06	Buoy 3	29 22 19 N 94 47 57 W				Green can.	
							38/03
*22886.07	- Buoy 4	29 22 37 N 94 47 58 W				Red nun.	
							38/03
*Delete Headings: *GALVESTON BAY ENTRANCE (Chart 11324) *Houston Ship Channel							
22887	- LIGHT 27 280 feet outside channel limit.	29 22 42 N 94 48 33 W	FI G 2.5s	17	4	SG on pile.	Ra ref.
							38/03
33744	- RANGE REAR LIGHT 197 yards, 046.3° from front light.		F G	37		KRW-I on skeleton tower.	Visible only on the rangeline.
	*	*				*	* 38/03
*Delete Headings: *STOVER POINT TO PORT BROWNSVILLE (Chart 11302) *Corpus Christi - Port Isabel *Queen Isabella Causeway							
40552.12	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT C		FI W 2.5s	12		On fender system.	Private aid.
				*			38/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17075	<i>Puget Sound Traffic Lane Separation Lighted Buoy TB</i>	47 23 06 N 122 21 12 W	FI Y 2.5s		6	Yellow.	
			*				* 38/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*19051	<i>Lighted Buoy 15A</i>	43 04 19 N 86 12 33 W	FI G 6s		4	Green.	Maintained from April 1 to Nov. 1.
							38/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION								
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
5644	Lachine.						<i>Remove from list.</i>	
							*	38/03
*6953	-Grande-Greve.	48° 47.6' N 64° 13.6' W	Iso.R. period 2s	26 8	12	Gray square mast; 21.	Seasonal.	38/03
7865 <i>H 1081.4</i>	Big Tignish Breakwater.	46° 57.0' N 63° 59.7' W	Fl.R. period 3s fl. 1s, ec. 2s	21 6		Round mast; 17.		
*			*	*		*		38/03
8128 <i>H 0949</i>	Graham Pond, on N. breakwater.	46° 05.8' N 62° 27.1' W	Iso.R. period 4s	17 5	6	Square skeleton tower; 12.	Seasonal.	
						*	*	38/03
8132 <i>H 0949.2</i>	-S. breakwater.	46° 05.8' N 62° 27.2' W	Fl.G. period 6s fl. 1s, ec. 5s	15 5		Square skeleton tower; 10.	Seasonal.	
			*					38/03
*8253 <i>H 1018</i>	-Peakes Quay Marina.	46° 13.9' N 63° 07.3' W	Q.G.		3	Round mast; 7.	Seasonal. Private light.	38/03
8292 <i>H 1039</i>	-Port Borden Pier, head.	46° 14.7' N 63° 42.0' W	Iso.G. period 4s	33 10	5	White tower; 28.	Seasonal.	
					*		*	38/03
8328 <i>H 1056</i>	Cape Egmont.	46° 24.1' N 64° 08.1' W	L.Fl.W. period 5s fl. 2s, ec. 3s	65 20	12	White square tower, red top; 41.		38/03
							*	38/03
8638 <i>H 1263</i>	-Abercrombie Point Wharf.						<i>Remove from list.</i>	
							*	38/03
9932 <i>H 3607</i>	Maugher Beach.	44° 36.1' N 63° 32.0' W	Fl.Y. period 30s fl. 1s, ec. 29s	57 17	15	White octagonal tower; 57.	Emergency light.	
					*	*		38/03
11304 <i>H 4138.6</i>	-Jameson Island West.	45° 02.1' N 66° 55.6' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s		2	Round mast.		
	*			*	*	*	*	38/03
11416 <i>H 4188</i>	Gannet Rock.	44° 30.6' N 66° 46.9' W	Fl.W. period 5s	93 28	19	Octagonal tower, black and white stripes; 75.	Horn: 3 bl. ev. 60s. Horn points 162°. Emergency light.	
	RACON		G(---) period 120s		10			38/03
			*					38/03

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*15918 <i>J 6352.5</i>	-Pier, W. end.	12° 26.5' N 69° 56.4' W	F.R.				38/03
*15919 <i>J 6352.51</i>	-E. end.	12° 26.5' N 69° 56.3' W	F.R.				38/03
*15921	-Reef.	12° 26.8' N 69° 56.9' W	Q.G.				38/03
*15923 <i>J 6352.53</i>	-Narrows.	12° 26.5' N 69° 56.6' W	Iso.G. period 2s				38/03
*15925 <i>J 6352.54</i>	-W. entrance.	12° 26.8' N 69° 57.2' W	F.I.R.				38/03
*15926 <i>J 6352.55</i>	-E. entrance.	12° 26.7' N 69° 57.1' W	F.I.G.				38/03
*16040 <i>J 6393.7</i>	Willemstad, pier, head.	12° 06.7' N 68° 55.3' W	F.R.				38/03

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1212.5 <i>G 1891.2</i>	Chacabuco Shoal.						<i>Remove from list.</i>
1364 <i>G 1808</i>	-S. mole, head.	36° 38.7' S 73° 03.8' W	F.I.W. period 8s	16 5	6	Round metal post; 18.	Visible 255°-053°.
			*	*	*		* 38/03
7605 <i>K 2332.3</i>	-Beaumaris Bay.	37° 59.9' S 145° 01.7' E	F.I.G. period 5s	13 4	2	STARBOARD (A) G, beacon.	
		*				*	38/03
9224 <i>K 1732</i>	-SE. end, No. "12".	25° 58.3' S 113° 23.3' E	Q.(9)W. period 15s		6	W. CARDINAL YBY, beacon, topmark.	
			*	*		*	* 38/03

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SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MUARA HARBOR:							
24328 <i>F 1936.5</i>	-Muara entrance Range, front.	5° 01.3' N 115° 05.1' E	F.G. (neon)	49 15	10	Metal framework tower on piles, red truncated triangular daymark, point up, white stripe; 46.	
		*					38/03
24332 <i>F 1936.51</i>	--Rear, 1037 meters 209°48' from front.	5° 00.8' N 115° 04.8' E	F.G. (neon)	92 28	12	Metal framework tower, red truncated triangular daymark, point down, white stripe; 89.	
		*					38/03
*24334 <i>F 1936.55</i>	-No. "1AW".	5° 04.0' N 115° 06.5' E	Q.G.	36 11	6	Green beacon.	
							38/03
*24335 <i>F 1936.56</i>	-No. "2AE".	5° 03.9' N 115° 06.7' E	Q.R.	36 11	6	Red beacon.	
							38/03

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
618.1 <i>B 2471.2</i>	--Holmen Range, front.						<i>Remove from list.</i>
							* 38/03
618.2 <i>B 2471.21</i>	---Rear, 268°30' from front.						<i>Remove from list.</i>
							* 38/03
11672 <i>L 2964</i>	Sandholmskjaeret.	68° 03.4' N 13° 32.2' E	Oc.(2)W.R.G. period 8s	26 8	W. 6 R. 4 G. 4	White lantern on concrete pole.	R. 039°30'-067°, G.-089°, R.-101°, G.-242°30', R.-251°30', W.-260°30', G.-273°.
			*		*	*	38/03
11924 <i>L 3036</i>	Jusholmen, N. point of islet.	68° 06.6' N 13° 14.3' E	Oc.(2)W.R.G. period 8s	95 29	W. 6 R. 4 G. 3	White lantern.	G. 015°-026°, R.-074°, G.-135°, W.-140°, R.-162°, W.-180°, G.-206°, W.-207°, R.-242°, W.-246°, G.-278°.
				*		*	38/03
11928 <i>L 3039</i>	Ramberg Harbor, Beacon "A".						<i>Remove from list.</i>
							* 38/03
11928.1 <i>L 3039.4</i>	-"B".						<i>Remove from list.</i>
							* 38/03
11928.2 <i>L 3039.5</i>	-"C".						<i>Remove from list.</i>
							* 38/03

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SECTION II

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
11928.3 <i>L 3039.6</i>	- "D".						<i>Remove from list.</i>
							* 38/03
11932 <i>L 3038</i>	Ramberg, Torvoy, NE. side.	68° 05.0' N 13° 12.0' E	Oc.W.R.G. period 5s	13 4	W. 5 R. 3 G. 2	White lantern.	G. 167°-192°, R.-202°, W.-205°, G.-273°, W.-320°, R.-338°. Obscured by Leiholmene 193°30'-197°.
			*			*	* 38/03
11944 <i>L 3044</i>	Krystad, Selfjord.	68° 04.0' N 13° 11.0' E	Oc.W.R.G. period 6s	29 9	W. 5 R. 3 G. 2	White lantern.	G. 176°-187°, W.-198°, R.- 006°30', W.-018°, G.-034°, R.-039°.
			*			*	* 38/03
11952 <i>L 3046</i>	Napp, Napholme, E. point.	68° 08.0' N 13° 28.0' E	Oc.W.R.G. period 6s	26 8	W. 10 R. 9 G. 9	White lantern.	G. 163°-172°, W.-179°, R.-246°, W.-262°, G.-008°, W.-012°, G.-020°.
						*	* 38/03
11956 <i>L 3064.4</i>	Deigen.						<i>Remove from list.</i>
							* 38/03
11964 <i>L 3050</i>	Hornneset.	68° 10.0' N 13° 20.0' E	Fl.(2)W.R.G. period 5s	130 40	W. 7 R. 5 G. 5	White lantern on concrete column.	G. 025°-032°, W.-036°, R.- 060°30', W.-063°30', G.-068°, W.-070°30', R.-109°, W.-137°, G.-230°, R.-259°30', G.-271°.
					*	*	38/03
11992 <i>L 3058</i>	Kleivheia.	68° 17.0' N 13° 35.0' E	Fl.W.R.G. period 5s	128 39	W. 10 R. 7 G. 6	White lantern on base.	G. 026°-036°, W.-040°, R.-061°, W.-185°, R.-228°, G.-239°.
			*			*	38/03
VARDOYA:							
14608 <i>L 4204</i>	-Skagodden, N. point of Vardoya.	70° 24.2' N 31° 04.2' E	Fl.W.R.G. period 5s	98 30	W. 12 R. 9 G. 9	White lantern.	R. 106°-113°, W.-265°, G.-319°, W.-322°, R.-326°.
					*	*	* 38/03
14624 <i>L 4214</i>	-E. mole, head.	70° 22.7' N 31° 06.5' E	Iso.R. period 2s	26 8	2	Metal column.	
			*			*	38/03
14648 <i>L 4223.4</i>	-N. breakwater, head.	70° 22.2' N 31° 02.7' E	Fl.G. period 3s				
			*				38/03
14712 <i>L 4245</i>	-Vadso havn mole, head.	70° 04.4' N 29° 43.1' E	Oc.W.R.G. period 6s	16 5	9	White lantern on piles.	G. 004°-012°, W.-084°, R.- 104°30', W.-338°.
					*	*	38/03

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SECTION II

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14716 <i>L 4247.2</i>	--691 meters 248° from from Vadso Church.	70° 04.4' N 29° 43.8' E	F.I.R. period 3s fl. 0.3s, ec. 2.7s	3 1	2	Dolphin.	
				*			38/03
16232 <i>L 7113</i>	Kiyskiy, Bol'shaya, S. of river entrance.						<i>Remove from list.</i>
							*
							38/03
16572 <i>L 7564</i>	-Oleny SeveroZapadnyy.	70° 27.7' N 58° 39.6' E	F.I.W. period 5s fl. 1s, ec. 4s	82 25	15	White truncated pyramid, white triangular daymark, black cross; 53.	
	*		*		*		38/03
16880 <i>L 8044</i>	Mys Payndle.	72° 38.0' N 69° 00.0' E	F.I.W. period 5s	75 23	13	Black quadrangular truncated pyramid, square daymark, seaward sides slatted, white stripe; 35.	Radar reflector.
	*		*				38/03

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12016 <i>C 3348</i>	-N. mole, head.	55° 43.9' N 21° 04.9' E	F.I.R. period 3s fl. 1s, ec. 2s	49 15	5	Black column, white square daymark marked "2B"; 39.	
				*		*	38/03
12020 <i>C 3350</i>	-S. mole, head.	55° 43.6' N 21° 04.9' E	F.I.G. period 3s fl. 1s, ec. 2s	49 15	5	Black column, white triangular daymark; 36.	
			*	*		*	38/03
	-Dane River:						
12032 <i>C 3361</i>	--Dange Reki, N. entrance.	55° 42.4' N 21° 07.5' E	F.I.G. period 2.5s fl. 0.3s, ec. 2.2s	23 7	3	STARBOARD (A) G, beacon; 16.	
					*	*	38/03
12072 <i>C 3397.5</i>	-Osta.	56° 31.4' N 20° 58.7' E	F.W.R.G.	26 8	2	White round column, platform; 16.	G. 167°42'-168°42', Al.W.G.- 170°12', W.-171°12', Al.W.R.- 172°42', R.-173°42'.
	*						*
							38/03
12080 <i>C 3397.8</i>	-Inner Harbor Range, front.	56° 31.2' N 20° 59.1' E	F.I.G. period 1.5s fl. 0.5s, ec. 1s	30 9	3	Green round column, platform; 16.	Visible 130°-305°. Shown 24 hours.
	*		*	*		*	*
							38/03
12084 <i>C 3397.81</i>	--Rear, 21 meters 153°24' from front.	56° 31.2' N 20° 59.0' E	F.I.G. period 1.5s fl. 0.5s, ec. 1s	36 11	3	Green round column, white stripe, platform; 26.	Visible 147°-159°. Synchronized with front. Shown 24 hours.
	*		*	*		*	*
							38/03

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SECTION II

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12104 <i>C 3398.2</i>	-W. angle of N. mole.	56° 31.3' N 20° 59.0' E	F.I.R. period 1.5s fl. 0.5s, ec. 1s	26 8	3	PORT (A) R, beacon; 16.	
*				*		*	38/03
12112.5 <i>C 3398</i>	-Jetty, N. head.	56° 31.5' N 20° 59.0' E	F.I.G. period 2.5s fl. 0.5s, ec. 2s	26 8	2	STARBOARD (A) G, beacon; 16.	
			*	*		*	* 38/03
VENTSPILS:							
12145 <i>C 3450.5</i>	-W. fairway Range, front.	57° 24.5' N 21° 33.7' E	Oc.R. period 6s lt. 4s, ec. 2s	56 17	14	Framework tower, black rectangular daymark, yellow stripe; 49.	Visible 100°-120°. Shown 24 hours.
						*	38/03
12145.1 <i>C 3450.51</i>	--Middle, 425 meters from front.	57° 24.4' N 21° 34.1' E	Oc.R. period 6s lt. 4s, ec. 2s	92 28	14	Metal framework tower; 59.	Visible 100°-120°. Shown 24 hours. Synchronized with front and rear.
				*		*	* 38/03
12145.2 <i>C 3450.52</i>	--Rear, 912 meters from front.	57° 24.3' N 21° 34.6' E	Oc.R. period 6s lt. 4s, ec. 2s	131 40	16	Square framework tower, black rectangular daymark, yellow stripe; 98.	Visible 030°-190°. Shown 24 hours. Synchronized with front and middle.
							* 38/03
12148 <i>C 3450</i>	-Vkhodoy Range, front.	57° 23.7' N 21° 32.5' E	Iso.R. period 3s	92 28	14	Framework tower, red rectangular daymark, white stripe; 82.	Visible 136°-152°. Shown 24 hours.
							* 38/03
12152 <i>C 3450.1</i>	--Rear, 940 meters from front.	57° 23.3' N 21° 33.1' E	Iso.R. period 3s	148 45	15	Framework tower, red rectangular daymark, white stripe; 115.	Visible 128°-160°. Shown 24 hours. Synchronized with front.
							* 38/03
12176 <i>C 3458</i>	-Fishing Harbor.	57° 23.7' N 21° 32.9' E	Iso.R. period 2s	26 8	1	Red column with platform; 16.	
							* 38/03

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SECTION II

NM 38/03

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 38/03

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.
NIMA HYDRO CATALOG CATP2V01U			SDPUB127			SDPUB193		
Region 1	2002	1* 2,3,4,7,8,9,10,11,14,15,17,19,20,21,22,23,24,25,26,27,28,29,30,31,32,35,36,37,38/03		2000	37*,38/00;18,33,40,44,45,48,49,52/01;1,11,13,17,18,27,33,34,37,41,47,49,51/02;5/03		2000	27*,38,49/00;9,26,27,31,32/01;14,15,26,52/02;18,19,20,23,29/03
Region 2	2002	1* 8,15,17,20,21,22,23,24,26,28,30,32,33,34/03		2000	39*,45/00;16,17,31,35/01;1,12,21,25,26/02;2,10/03		2002	33*,40,49,51,52/02;1,2,3,15,16,21,32,33/03
Region 3	2002	1/03*		2001	21*,48,49,51/01;8,17,23,32,42,43,44,46,47,48,50/02;4,6,7,8,9,11,12,15,19,21,22,23,24,25,26,31,32,34,37/03		2002	38*,39,42/02;22,27,34/03
Region 4	2002	1* 23/03		2001	21*,38/01	USCG LIGHT LIST VOLUMES I - VII		
Region 5	2002	1* 3,5,8,22,27,30,33,38/03		2000	49/00*;3,31,35/01;1,15,43/02	COMDTM165021	2003	17*,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,36,37,38/03
Region 6	2002	1* 10,11,13,16,19,20,21,25,28,30,33,38/03	SDPUB141	2001	21*,38/01	COMDTM165022	2003	17*,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38/03
Region 7	2002	1* 11,15,28/03	SDPUB142	2000	49/00*;3,31,35/01;1,15,43/02	COMDTM165023	2003	17*,18,19,20,21,23,24,25,26,28,29,31,32,33,34,35,36,37,38/03
Region 8	2002	1* 14,37/03	SDPUB143	2000	8*,10,19,29/00;16,26/01;1,25/02;9/03	COMDTM165024	2003	18*,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38/03
Region 9	2002	1* 34/03	SDPUB144	2000	13*,14,18,19,22,26,32,37,38,46,47,51,53/00;1,4,5,7,10,12,28,29,35,52/01;14,27/02	COMDTM165025	2002	16/02*
Miscellaneous Charts and Publications	2002	1* 2,4,5,6,7,9,11,12,13,15,17,18,19,20,21,23,24,25,27,28,29,30,31,32,33,34,36,37,38/03	SDPUB145	2000	17*,19,31,42,44,45,46,48,50/02;3,14,19,23,30/03	COMDTM165026	2003	18*,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38/03
			SDPUB147	2001	35/01*;21,22,23,24/02	COMDTM165027	2003	18*,20,21,22,23,24,26,27,28,30,31,32,33,34,35,36,37,38/03
			SDPUB148	2001	48/01*;23,24/02;22/03	FLEET GUIDES		
			SDPUB153	2000	6/01*;28,30,41,44,46,47,48,52/02;1,3,4,8,13,15,22,25,32,35,37,38/03	FGPUB940ATL	2001	N47/01*
			SDPUB154	2002	17*,19,31,42,44,45,46,48,50/02;3,14,19,23,30/03	FGPUB941PAC	2001	N22/01*
			SDPUB155	2001	31*,48/01;10,45,46/02	NOS MISCELLANEOUS PUBLICATIONS		
			SDPUB159	2002	42*,48/02	NOSPBCATALOG1	2000	20/00*
			SDPUB160	2002	47*,48,49,52/02;6,8,10,11,19,21,22,23,30,33,36/03	NOSPBCATALOG2	2000	34/00*
			SDPUB161	2002	23*,24,44,47,48/02;5,12/03	NOSPBCATALOG3	2000	28/00*
			SDPUB162	2001	51/01*;5,12/03	NOSPBCATALOG4	2000	34/00*
			SDPUB163	2002	18*,20,21,26,46,51/02;13,24,26,27,28,29,30,31/03	ALMANACS		
			SDPUB164	2000	30/00*;31,35,36/01;8,28/03	AIRALMANAC401	2004	29/03*
			SDPUB171	2001	40*,47,48,52/01;5,9,14,16,41/02;23,24,26/03	NAUTALMANAC04	2004	29/03*
			SDPUB172	2001	1*,2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02;1,11,12,13,14,15,19,20,22,23,25,26,27,28,29,31,32,33,34,35,37,38/03	COAST PILOT		
			SDPUB173	2002	50*,51/02;3,22,24,25,26,27,32,33,34,37,38/03	NOSPBCP1	33	27*,28,29,32,33,34/03
			SDPUB174	2000	7*,19,37,45,51,52/01;1,5,14,19,22,28,33,37,38,48/02;30/03	NOSPBCP2	32	17*,18,21,22,26,28,30,32,33,35,36/03
			SDPUB175	2001	41*,43,45,51/01;8,11,12,13,14,16,17,21,27,37,41,49/02;26,27,29,32,37,38/03	NOSPBCP3	36	34*,36/03
			SDPUB180	2002	32*,33,42,47,48,50/02;6,13,14,17,21,24/03	NOSPBCP4	35	34*,36/03
			SDPUB181	2002	38*,39/02	NOSPBCP5	30	2*,6,10,12,14,18,20,27,30,32,35,36,37/03
			SDPUB182	2001	8*,10,12,41/02;17/03	NOSPBCP6	33	23*,27,29,32,34/03
			SDPUB183	2001	27/01*;13,15,16/02;18/03	NOSPBCP7	35	37*,38/03
			SDPUB191	2000	5*,7,8,9,10,11,12,13,14,15,16,17,18,19,20,22,23,27,28,29,30,31,33,34,36,44,45,47,48/01;10,14,15,16,17,42,50/02;2,9,12,15,18,22/03	NOSPBCP8	25	32*,33,34/03
						NOSPBCP9	21	30*,32,33,36/03
						RADIO NAVIGATIONAL AIDS		
						RAPUB117	2002	50/02*;13/03
						AMERICAN PRACTICAL NAVIGATOR		
						NVPUB9	2002	36/02*;14,38/03
						INTERNATIONAL CODE OF SIGNALS		
						CDPUBNV102	2003	20/03*
						WORLD PORT INDEX		
						NVPUB150	2000	50/00*;14,15,16,20,21,41,42,43,44,45,46,47,48,49,51,52/01;1,2,5,6,10,11,12,16,19,21,22,27,31,32,33,36,39,40,42,46,49/02;2,7,10,15,20/03

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 38/03**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.
DISTANCES BETWEEN PORTS		
NVPUB151	2001	4/02*
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL		
CDPUBNV1310	2001	51/01*
SIGHT REDUCTION TABLES (MARINE)		
SRPUB229V1	1970	11/71*
SRPUB229V2	1970	11/71*
SRPUB229V3	1970	7/71*
SRPUB229V4	1970	3/71*
SRPUB229V5	1970	3/71*
SRPUB229V6	1970	23/70*
SIGHT REDUCTION TABLES (AIR)		
SRPUB249V1	2000	4/01*
SRPUB249V2	1952	46/52*
SRPUB249V3	1952	46/52*
CHART NO. 1		
WOBZC1	1997	18/98*
CHART NO. 4		
WOBZC4	1988	N23/91*
ATLAS OF PILOT CHARTS		
NVPUB107	1998	30/99*
NVPUB109	2001	49/02*
USCG NAVIGATION RULES		
COMDTM166722D	1999	44/99*;52/00
NOS TIDE TABLES		
NOSPBTTWCWPACIN3	2003	N4/03*
NOSPBTTTECSTNSA3	2003	N4/03*
NOSPBTTTEURAFR3	2003	N4/03*
NOSPBTTWCSTNSA3	2003	N4/03*
TIDAL CURRENT TABLES		
NOSPBTTCTATCSTN3	2003	N4/03*
NOSPBTTCTPACAS3	2003	N4/03*

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 041200Z September 2003:

2001 series	219(GEN)	236(11)	345(11,12,26)	367(11,26)	371(GEN)
393(GEN)	2003 series	325(14)	350(11)	368(GEN)	372(GEN)
2002 series	108(26,27)	331(14)	352(GEN)	369(11,26)	

The summary of all NAVAREA IV messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarters are issued in NM 13/03 and 26/03.

NAVAREA IV WARNINGS issued from 272000Z August to 041200Z September 2003.

364/03 thru 366/03. CANCELED.

367/03(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

A. 0400Z TO 0359Z COMMENCING DAILY

01 THRU 07 SEP IN AREA BOUND BY

30-45N 080-54W, 30-45N 080-11W,

30-36N 080-11W, 30-34N 080-54W.

B. 0400Z TO 0359Z COMMENCING DAILY

01 THRU 07 SEP IN AREA BETWEEN

29-10N 29-20N AND 079-40W 079-50W.

C. 1300Z TO 0600Z COMMENCING DAILY

02 THRU 05 SEP IN AREA BETWEEN

30-00N 29-50N AND 081-00W 080-50W.

2. CANCEL THIS MSG 080459Z SEP.

(291400Z AUG 2003)

368/03(GEN).

1. NAVAREA IV MESSAGES IN FORCE 301000Z AUG 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.

2003 SERIES: 325(14), 331(14), 345(11,12,26), 350(11),

352(GEN), 366(11,25,26), 367(11,26).

2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.

WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.

3. CANCEL NAVAREA IV 361/03.

(301010Z AUG 2003)

369/03(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1500Z TO 1900Z DAILY 03 AND 04 SEP IN AREA BETWEEN 29-30N 29-10N AND 079-50W 080-10W.

2. CANCEL THIS MSG 042000Z SEP.

(021400Z SEP 2003)

370/03. CANCELED.

371/03(GEN). GULF OF MEXICO. RADIO SERVICES.

1. U.S. COAST GUARD STATION NEW ORLEANS HF DSC UNRELIABLE 081600Z TO 110001Z SEP.

2. CANCEL THIS MSG 110101Z SEP.

(040610Z SEP 2003)

372/03(GEN). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 090312Z TO 090759Z SEP, ALTERNATE 100308Z TO 100755Z SEP IN AREAS BOUND BY:

A. 28-37N 080-40W, 28-40N 080-30W,

28-32N 079-10W, 28-26N 079-10W,

28-27N 080-29W, 28-30N 080-40W.

B. 28-51N 078-55W, 28-32N 075-23W,

28-17N 072-52W, 27-59N 072-52W,

27-07N 070-40W, 27-25N 072-49W,

27-44N 075-27W, 28-06N 078-59W.

C. 26-26N 062-10W, 25-49N 059-07W,

25-00N 059-17W, 25-38N 062-22W.

D. 20-54N 042-32W, 19-34N 039-08W,

17-54N 035-11W, 15-30N 029-35W,

14-21N 030-08W, 16-50N 035-48W,

18-24N 039-35W, 19-51N 043-07W.

2. CANCEL THIS MSG 100855Z SEP.

(040940Z SEP 2003)

**SECTION III
HYDROLANTS**

NM 38/03

Messages in force 041200Z September 2003:

2000 series	2869(52)	1291(37)	1552(23,24)	1637(55)	1672(56)
2937(38)	2882(54)	1298(37)	1553(37)	1641(37)	1673(53)
3762(43)	2883(54)	1342(55)	1570(53)	1643(GEN)	1674(23,29,57)
4265(44)	2003 series	1374(52,53)	1578(54)	1646(24)	1676(57)
2001 series	41(37)	1422(53)	1585(38)	1647(51,52)	1677(24)
611(44)	67(37)	1441(53)	1591(37)	1649(55)	1678(24)
2659(GEN)	390(22)	1459(52,53)	1597(54)	1650(55)	1679(37)
2700(37)	544(55)	1464(55)	1598(55)	1655(53)	1682(36)
3161(44)	604(26,27)	1465(51)	1600(37)	1656(GEN)	1683(57)
2002 series	738(35)	1470(54)	1601(57,61)	1657(52)	1684(24,51)
245(GEN)	754(37)	1472(35)	1602(23)	1660(24)	1685(37)
246(GEN)	867(37)	1487(55)	1606(24)	1661(52,53)	
383(53)	903(36)	1490(55)	1607(24)	1662(51)	
2203(51)	1117(37)	1520(55)	1619(57)	1665(55)	
2682(51)	1242(24)	1522(51,52)	1620(53,56)	1670(24,57)	
2848(37)	1255(44)	1526(51)	1625(53)	1671(24)	

The summary of all HYDROLANTS in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarters are issued in NM 13/03 and 26/03.

HYDROLANT WARNINGS issued from 272000Z August to 041200Z September 2003.

1638/03 thru 1640/03. CANCELED.

1641/03(37). SPAIN-NORTH COAST.

1. SURVEY OPERATIONS 30 AUG THRU 18 SEP BY M/V HESPERIDES TOWING 3000 METER LONG CABLE IN AREA BOUND BY 45-35N 004-30W, 44-55N 002-25W, 43-30N 002-25W, 43-45N 005-55W, 45-00N 006-00W.
2. CANCEL THIS MSG 19 SEP.

(281050Z AUG 2003)

1642/03. CANCELED.

1643/03(GEN). GULF OF MEXICO.

DUE TO A PRODUCTION PROBLEM THAT HAS CAUSED DISPLACED FEATURES, NIMA HAS DETERMINED THAT DIGITAL NAUTICAL CHART CD15 (GULF OF MEXICO/STRAITS OF FLORIDA) IS NOT TO BE USED FOR NAVIGATION OR SITUATIONAL AWARENESS. A NIMA REVIEW IS IN PROCESS TO ADDRESS THIS SITUATION.

(281640Z AUG 2003)

1644/03 and 1645/03. CANCELED.

1646/03(24). URUGUAY.

CHART 24060 (2ND ED). CABO POLONIO LIGHT 34-24S 053-47W UNLIT.

(290610Z AUG 2003)

1647/03(51,52). MOROCCO. GUNNERY.

1. GUNNERY EXERCISES 02 SEP THRU 31 DEC WITHIN 20 MILES OF:
 - A. 33-41N 008-03W.
 - B. 29-53N 010-15W.
 - C. 27-00N 013-50W.
 - D. 23-35N 017-00W.
 - E. 35-22N 004-05W.
2. CANCEL THIS MSG 01 JAN 04.

(290910Z AUG 2003)

1648/03. CANCELED.

1649/03(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 031000Z TO 032000Z SEP AND 1000Z TO 1800Z DAILY 04 AND 05 SEP IN AREA BOUND BY 44-24.0N 028-42.4E, 44-29.5N 028-55.6E, 44-23.8N 029-33.0E, 44-18.8N 029-31.5E, 44-01.2N 029-20.3E, 43-57.0N 029-15.6E, 44-15.5N 028-45.3E, 44-22.1N 028-42.4E.
2. CANCEL HYDROLANT 1640/03(24).
3. CANCEL THIS MSG 051900Z SEP.

(290950Z AUG 2003)

1650/03(55). BLACK SEA. MISSILES.

- HAZARDOUS OPERATIONS 0400Z TO 1600Z DAILY 03 THRU 05 SEP
IN AREA BOUND BY 44-24.0N 028-42.4E, 44-29.5N 028-55.6E,
44-23.8N 029-33.0E, 44-18.8N 029-31.4E,
44-01.2N 029-20.3E, 43-57.0N 029-15.6E,
44-15.5N 028-45.3E, 44-22.1N 028-42.4E.
- CANCEL THIS MSG 051700Z SEP.

(291410Z AUG 2003)

1651/03 thru 1654/03. CANCELED.

1655/03(53). SICILIA-SOUTHEAST COAST. GUNNERY.

- GUNNERY EXERCISES 0400Z TO 2000Z DAILY 02 THRU 05,
08 THRU 12, 15 THRU 19, 22 THRU 26, 29 AND 30 SEP
WITHIN 1.5 MILES OF 36-39-19N 015-00-53E.
- CANCEL THIS MSG 302100Z SEP.

(300910Z AUG 2003)

1656/03(GEN).

- HYDROLANT MESSAGES IN FORCE 301100Z AUG 2003. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 1422(53), 1441(53), 1454(53), 1456(38), 1459(52,53),
1464(55), 1465(51), 1470(54), 1472(35), 1487(55), 1490(55),
1508(57), 1520(55), 1522(51,52), 1526(51), 1552(23,24), 1553(37),
1570(53), 1578(54), 1585(38), 1591(37), 1597(54), 1598(55),
1600(37), 1601(57,61), 1602(23), 1606(24), 1607(24), 1612(43),
1619(57), 1620(53,56), 1623(52), 1625(53), 1627(57), 1637(55),
1641(37), 1643(GEN), 1646(24), 1647(51,52), 1648(55), 1649(55),
1650(55), 1651(36,37), 1652(36,37), 1653(24), 1654(24), 1655(53).
- THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 12 DEC 2002
IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE
SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
- CANCEL HYDROLANT 1628/03, 1633/03.

(301110Z AUG 2003)

1657/03(52). ALGERIA.

- SURVEY OPERATIONS 31 AUG UNTIL FURTHER NOTICE
BY M/V ODIN FINDER IN AREA BOUND BY
36-45.6N 002-16.7E, 36-36.9N 002-08.9E,
36-39.8N 002-03.5E, 36-46.7N 002-14.5E.
- CANCEL HYDROLANT 1651/03(36,37).

(302200Z AUG 2003)

1658/03 and 1659/03. CANCELED.

1660/03(24). BRAZIL-EAST COAST.

- SURVEY OPERATIONS 01 THRU 14 SEP BY M/V TAURUS
IN AREA BOUND BY 12-53S 038-38W,
12-54S 038-40W, 12-54S 038-41W,
12-52S 038-40W, 12-52S 038-41W,
12-45S 038-38W, 12-47S 038-30W,
12-53S 038-30W. WIDE BERTH REQUESTED.
- CANCEL THIS MSG 15 SEP.

(310520Z AUG 2003)

1661/03(52,53). STRAIT OF SICILY.

- DERELICT S/V ADRIFT VICINITY 36-08N 012-01E
AT 312030Z AUG.
- CANCEL THIS MSG 07 SEP.

(312145Z AUG 2003)

1662/03(51). NORTH ATLANTIC.

- DERELICT S/V, WHITE HULL, ADRIFT IN 27-59N 016-35W
AT 312015Z AUG.
- CANCEL THIS MSG 07 SEP.

(312155Z AUG 2003)

1663/03 and 1664/03. CANCELED.

1665/03(55). BLACK SEA. GUNNERY.

- GUNNERY EXERCISES 050830Z TO 050830Z SEP
IN AREA BOUND BY 44-43.8N 032-52.2E,
44-34.8N 032-37.4E, 44-39.0N 032-11.5E,
44-48.4N 032-08.2E, 45-00.2N 032-14.2E,
44-52.2N 032-41.6E.
- CANCEL THIS MSG 050930Z SEP.

(011110Z SEP 2003)

1666/03 thru 1669/03. CANCELED.

SECTION III

NM 38/03

- 1670/03(24,57). SOUTH ATLANTIC.
 1. DERELICT VESSEL, BLACK HULL, ADRIFT VICINITY
 16-27.0S 018-25.4W AT 011409Z SEP.
 2. CANCEL THIS MSG 09 SEP. (020450Z SEP 2003)
- 1671/03(24). URUGUAY. GUNNERY.
 1. GUNNERY EXERCISES 1100Z TO 2000Z DAILY
 05 THRU 10 SEP IN AREA BETWEEN
 34-50S 35-10S AND 052-45W 053-15W.
 2. CANCEL THIS MSG 102100Z SEP. (020455Z SEP 2003)
- 1672/03(56). EASTERN MEDITERRANEAN SEA.
 1. SEISMIC SURVEY IN PROGRESS UNTIL 04 OCT BY
 M/V AMADEUS TOWING EIGHT 3.5 MILE LONG CABLES
 IN AREA BOUND BY 32-00N 031-38E,
 31-34N 032-17E, 31-45N 032-27E,
 32-11N 031-48E. FIVE MILE BERTH REQUESTED.
 2. CANCEL HYDROLANT 1048/03(57), OPERATIONS COMPLETED.
 3. CANCEL THIS MSG 05 OCT. (021040Z SEP 2003)
- 1673/03(53). TYRRHENIAN SEA.
 DERELICT VESSEL CAPSIZED AND ADRIFT VICINITY
 41-40.4N 011-15.2E. ONE PERSON REMAINS MISSING.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
 LOOKOUT. ASSIST IF POSSIBLE. REPORTS TO MRSC ROME,
 PHONE: 3906 6561 7349, FAX: 3906 6561 7312. (021050Z SEP 2003)
- 1674/03(23,29,57). SOUTH ATLANTIC. ICE.
 1. ICEBERGS REPORTED ON 02 SEP:
 A. A-38A, 22 MILES BY 48 MILES IN 59-12S 044-00W.
 B. A-38B, 22 MILES BY 25 MILES IN 57-48S 045-48W.
 C. A-38C, SEVEN MILES BY 11 MILES IN 54-54S 039-54W.
 D. A-38D, TWO MILES BY TEN MILES IN 58-00S 041-42W.
 E. A-43C, 24 MILES BY 41 MILES IN 57-12S 059-48W.
 F. A-43I, TWO MILES BY 12 MILES IN 59-12S 035-48W.
 G. A-46, FOUR MILES BY 11 MILES IN 53-48S 043-54W.
 H. A-47, NINE MILES BY 14 MILES IN 52-18S 047-36W.
 I. A-48, NINE MILES BY TEN MILES IN 59-24S 043-24W.
 J. A-50, ONE MILE BY TEN MILES IN 59-00S 050-30W.
 K. B-09A, 15 MILES BY 22 MILES IN 52-24S 016-30W.
 2. CANCEL HYDROLANT 1669/03.
 3. CANCEL THIS MSG 10 SEP. (030250Z SEP 2003)
- 1675/03. CANCELED.
- 1676/03(57). GULF OF GUINEA.
 1. UNDERWATER OPERATIONS IN PROGRESS UNTIL
 FURTHER NOTICE BY M/V SAIPEM 10000 IN
 05-44.4N 004-26.3E. ONE MILE BERTH REQUESTED.
 2. CANCEL HYDROLANT 1508/03. (031010Z SEP 2003)
- 1677/03(24). BRAZIL-EAST COAST.
 1. SEISMIC SURVEY IN PROGRESS UNTIL 050259Z SEP
 BY M/V CGG HARMATTAN TOWING SIX 6000 METER
 LONG CABLES IN AREA BETWEEN
 21-10S 20-50S AND 039-50W 040-18W.
 FOUR MILE BERTH REQUESTED.
 2. CANCEL THIS MSG 050359Z SEP. (031345Z SEP 2003)
- 1678/03(24). BRAZIL-SOUTH COAST.
 1. SEISMIC SURVEY IN PROGRESS UNTIL 050259Z SEP BY
 M/V VERITAS VIKING I TOWING SIX 6000 METER
 LONG CABLES IN AREA BOUND BY
 25-01.9S 042-33.3W, 25-01.6S 042-00.6W,
 25-50.3S 041-59.9W, 25-50.6S 042-32.8W.
 SIX MILE BERTH REQUESTED.
 2. CANCEL THIS MSG 050359Z SEP. (031400Z SEP 2003)
- 1679/03(37). FRANCE-NORTHWEST COAST.
 CHART 37050 (9TH ED).
 RACON AT NORTHEAST BUOY 48-59.5N 005-24.0W AT REDUCED POWER. (031430Z SEP 2003)

1680/03 and 1681/03. CANCELED.

1682/03(36). NORTH ATLANTIC.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 06 SEP BY M/V TYCO RELIANCE IN AREA BETWEEN 48-00N 48-30N AND 010-00W 010-30W.
2. CANCEL THIS MSG 07 SEP.

(032012Z SEP 2003)

1683/03(57). SOUTH ATLANTIC. SOUTH AFRICA.

1. DERELICT F/V RIETGANS ON FIRE AND ADRIFT VICINITY 33-14.4S 018-04.5E.
2. CANCEL HYDROLANT 1668/03(23).
3. CANCEL THIS MSG 11 SEP.

(040850Z SEP 2003)

1684/03(24,51). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 090312Z TO 090759Z SEP, ALTERNATE 100308Z TO 100755Z SEP IN AREA BOUND BY 20-54N 042-32W, 19-34N 039-08W, 17-54N 035-11W, 15-30N 029-35W, 14-21N 030-08W, 16-50N 035-48W, 18-24N 039-35W, 19-51N 043-07W.
2. CANCEL THIS MSG 100855Z SEP.

(040950Z SEP 2003)

1685/03(37). ENGLAND-SOUTH COAST.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY CABLESHIP SOVEREIGN WITH SUBMERSIBLE IN AREA BETWEEN 50-33N 50-30N AND 002-49W 002-43W. WIDE BERTH REQUESTED.

(041110Z SEP 2003)

SECTION III

NM 38/03

NAVAREA XII

Messages in force 041200Z September 2003:

2001 series	178(GEN)	230(GEN)	233(18)	238(18)
298(GEN)	2003 series	231(GEN)	236(18)	
2002 series	221(19)	232(16,17,19)	237(GEN)	

The summary of all NAVAREA XII messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarters are issued in NM 13/03 and 26/03.

NAVAREA XII WARNINGS issued from 272000Z August to 041200Z September 2003.

222/03 thru 229/03. CANCELED.

230/03(GEN).

1. NAVAREA XII MESSAGES IN FORCE 301000Z AUG 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 221(19), 223(18), 229(18).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
3. CANCEL NAVAREA XII 220/03.

(301020Z AUG 2003)

231/03(GEN). NORTH PACIFIC. RUSSIA. ALASKA.

1. LORAN-C STATION PETROPVLOVSK, RATE 5980-MASTER, OFF AIR.
2. LORAN-C STATION ATTU, RATE 5980-X, UNUSABLE.

(020850Z SEP 2003)

232/03(16,17,19). NORTH PACIFIC.

1. SURVEY OPERATIONS BY M/V KAIREI TOWING 300 METER LONG CABLE:
 - A. 07 AND 08 SEP IN AREA BETWEEN 30-00N 40-00N AND 170-00E 175-00W.
 - B. 13 THRU 17 SEP IN AREA BOUND BY 45-00N 135-00W, 45-00N 170-00W, 49-00N 170-00W, 51-00N 162-00W, 53-00N 140-00W.
2. CANCEL THIS MSG 18 SEP.

(020910Z SEP 2003)

233/03(18). NORTH PACIFIC.

1. ODAS BUOY 46002 ADRIFT VICINITY 40-43.4N 130-39.6W.
2. CANCEL NAVAREA XII 229/03.
3. CANCEL THIS MSG 09 SEP.

(021831Z SEP 2003)

234/03 and 235/03. CANCELED.

236/03(18). NORTH PACIFIC.

1. ODAS BUOY 46002 ADRIFT VICINITY 40-26.3N 130-56.2W.
2. CANCEL NAVAREA XII 235/03.
3. CANCEL THIS MSG 11 SEP.

(040009Z SEP 2003)

237/03(GEN). NORTH PACIFIC. RADIO SERVICES.

1. U.S. COAST GUARD STATIONS HONOLULU AND POINT REYES HF DSC UNRELIABLE 081600Z TO 130001Z SEP.
2. CANCEL THIS MSG 130101Z SEP.

(040620Z SEP 2003)

238/03(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:

A. 34-02N 119-04W.	M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
B. 33-52N 119-06W.	TO THE SHORELINE.
C. 33-29N 119-07W.	N. 34-24N 120-30W.
D. 33-29N 118-37W.	O. 34-08N 120-26W.
E. 33-20N 118-37W.	P. 34-08N 119-40W.
F. 32-11N 120-16W.	Q. 34-00N 119-40W.
G. 31-54N 121-35W.	R. 34-06N 119-13W.
H. 35-09N 123-39W.	S. 34-06N 119-11W.

- I. 35-29N 123-00W.
- J. 35-04N 122-43W.
- K. 35-57N 121-32W.
- L. 34-59N 120-42W.
- T. 34-07N 119-10W.
- U. 34-07N 119-07W.
- V. 34-04N 119-04W.

- 2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
- 3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
- 4. CANCEL NAVAREA XII 223/03.

(041010Z SEP 2003)

SECTION III

NM 38/03

HYDROPACS

Messages in force 041200Z September 2003:

2001 series	495(62)	1106(61)	1366(97)	1474(81)	1505(61)
1647(GEN)	496(62)	1110(61)	1371(71,93)	1475(61)	1506(63)
1976(62)	506(62)	1135(96)	1394(93)	1476(93)	1507(63)
2002 series	515(73)	1198(92)	1395(62)	1477(95)	1508(63)
146(62)	525(73,74)	1213(73)	1396(63)	1478(94,95)	1510(81)
205(GEN)	638(62)	1220(62)	1398(74)	1479(94,95)	1511(GEN)
206(GEN)	667(62)	1222(62)	1405(81)	1480(94,95)	1512(16,19)
352(73)	743(62)	1226(83)	1408(81)	1481(71)	1513(81,97)
403(72,73)	760(63)	1227(74)	1415(81)	1483(63)	1514(62)
637(75)	761(63)	1248(63)	1416(76)	1485(22)	1515(83)
2191(22)	777(62)	1258(81)	1417(83)	1486(71,72,92)	1516(23,29)
2199(63)	801(72)	1266(73)	1418(83)	1487(GEN)	1517(62)
2330(62)	880(63)	1267(73)	1433(93)	1492(63)	1518(62)
2339(63)	895(62)	1275(97)	1437(57,61)	1493(63)	1519(96)
2402(22)	960(63)	1313(96)	1440(96)	1494(63)	1521(22)
2003 series	992(62)	1322(61)	1443(63)	1495(81)	1523(74)
100(29)	993(62)	1324(19,97)	1456(21,22,83)	1496(GEN)	1524(61)
167(95)	998(71)	1330(62)	1461(81)	1497(96)	1525(95,96)
197(71)	1010(63)	1334(61)	1465(94,95)	1498(19,97)	1526(91,94,97)
207(62)	1031(62)	1339(83)	1467(61)	1499(81,91,97)	1527(63)
445(96)	1041(71)	1351(81)	1473(95)	1504(62)	

The summary of all HYDROPACS in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarters are issued in NM 13/03 and 26/03.

HYDROPAC WARNINGS issued from 272000Z August to 041200Z September 2003.

1482/03. CANCELED.

1483/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

- HAZARDOUS OPERATIONS 0230Z TO 1130Z DAILY 01 THRU 07 SEP WITHIN 25 MILES OF 14-01.0N 074-19.6E.
- CANCEL THIS MSG 071230Z SEP.

(271425Z AUG 2003)

1484/03. CANCELED.

1485/03(22). PERU.

- CHART 22012 (31ST ED).
LA CONCORDIA LIGHT 18-20.8S 070-22.5W UNLIT.

(280920Z AUG 2003)

1486/03(71,72,92). SULU SEA.

- SEISMIC SURVEY 02 SEP THRU 02 OCT BY M/V VERITAS SEARCHER, M/V ASIA PACIFIC NO. 1 AND M/V PHILIPPINE SEA IN AREA BOUND BY 06-26N 118-43E, 06-26N 119-09E, 06-24N 119-09E, 06-24N 119-15E, 06-20N 119-15E, 06-20N 119-17E, 06-16N 119-17E, 06-16N 119-21E, 06-12N 119-21E, 06-12N 119-42E, 05-53N 119-42E, 05-53N 119-03E, 06-00N 119-03E, 06-00N 118-50E, 06-04N 118-50E, 06-04N 118-45E, 06-16N 118-45E, 06-16N 118-43E.
- CANCEL HYDROPAC 1432/03(63).
- CANCEL THIS MSG 03 OCT.

(281350Z AUG 2003)

1487/03(GEN). GULF OF MEXICO.

- DUE TO A PRODUCTION PROBLEM THAT HAS CAUSED DISPLACED FEATURES, NIMA HAS DETERMINED THAT DIGITAL NAUTICAL CHART CD15 (GULF OF MEXICO/STRAITS OF FLORIDA) IS NOT TO BE USED FOR NAVIGATION OR SITUATIONAL AWARENESS. A NIMA REVIEW IS IN PROCESS TO ADDRESS THIS SITUATION.

(281641Z AUG 2003)

1488/03 thru 1491/03. CANCELED.

- 1492/03(63). ANDAMAN SEA. HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 0730Z TO 0830Z DAILY 02 AND 05 SEP
 IN AREA BETWEEN 11-24N 11-39N AND 093-03E 092-49E.
 2. CANCEL THIS MSG 050930Z SEP. (291040Z AUG 2003)
- 1493/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 02 AND 05 SEP
 IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E,
 09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
 2. CANCEL THIS MSG 051630Z SEP. (291050Z AUG 2003)
- 1494/03(63). INDIA-WEST COAST. ROCKETS.
 1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY 03 AND 04 SEP
 WITHIN 75 MILES OF 08-31.9N 076-52.1E.
 2. CANCEL THIS MSG 041700Z SEP. (291055Z AUG 2003)
- 1495/03(81). NORTH PACIFIC.
 DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 12-32N 162-30E
 AT 292154Z AUG. VESSELS IN VICINITY REQUESTED
 TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO RCC HONOLULU, TELEX: 392401,
 PHONE: 808 541 2500, FAX: 808 541 2123. (292305Z AUG 2003)
- 1496/03(GEN).
 1. HYDROPAC MESSAGES IN FORCE 301100Z AUG 2003. ONLY THOSE
 MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
 2003 SERIES: 1258(81), 1266(73), 1267(73), 1275(97), 1293(97),
 1297(95), 1300(61), 1302(94,95), 1305(71), 1313(96), 1314(63),
 1322(61), 1324(19,97), 1330(62), 1334(61), 1339(83), 1350(94),
 1351(81), 1366(97), 1371(71,93), 1394(93), 1395(62), 1396(63),
 1398(74), 1405(81), 1408(81), 1415(81), 1416(76), 1417(83),
 1418(83), 1422(81), 1433(93), 1437(57,61), 1440(96), 1443(63),
 1447(74), 1456(21,22,83), 1458(62), 1461(81), 1465(94,95),
 1467(61), 1474(81), 1475(61), 1476(93), 1477(95), 1478(94,95),
 1479(94,95), 1480(94,95), 1481(71), 1482(63), 1483(63),
 1485(22), 1486(71,72,92), 1487(GEN), 1492(63), 1493(63),
 1494(63), 1495(81).
 2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 12 DEC 2002
 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE
 SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
 3. CANCEL HYDROPAC 744/03, 1235/03, 1249/03, 1425/03, 1472/03. (301120Z AUG 2003)
- 1497/03(96). SEA OF OKHOTSK. MISSILES.
 1. HAZARDOUS OPERATIONS 0300Z TO 1100Z DAILY 02 THRU 05 SEP:
 A. IN AREA BOUND BY 47-36N 151-21E, 47-54N 151-06E,
 48-06N 151-40E, 47-52N 151-58E.
 B. WITHIN 27.0 MILES OF 52-49N 146-17E.
 C. WITHIN 27.5 MILES OF 57-09N 140-33E.
 2. CANCEL THIS MSG 051200Z SEP. (301150Z AUG 2003)
- 1498/03(19,97). NORTH PACIFIC.
 DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 34-50.3N 168-40.6E
 AT 301122Z AUG. VESSELS IN VICINITY REQUESTED
 TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO RCC HONOLULU, TELEX: 392401,
 PHONE: 808 541 2500, FAX: 808 541 2123. (301210Z AUG 2003)
- 1499/03(81,91,97). NORTH PACIFIC.
 175 TON F/V TE YI NO.66, BLUE HULL, 12 PERSONS
 ON BOARD, UNREPORTED. LAST KNOWN POSITION ALONG
 TRACKLINE BETWEEN 20-00N 128-00E AND 22-00N 128-00E
 ON 28 AUG. VESSELS IN VICINITY REQUESTED TO
 KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO JAPAN COAST GUARD. (301254Z AUG 2003)
- 1500/03 thru 1503/03. CANCELED.
- 1504/03(62). PERSIAN GULF.
 CHART 62440 (8TH ED).
 1. CREAGH SHOAL LIGHTFLOAT 24-43.2N 052-43.0E UNLIT.
 2. CANCEL HYDROPAC 1458/03. (311258Z AUG 2003)

SECTION III

NM 38/03

- 1505/03(61). MOZAMBIQUE CHANNEL.
CHART 61440 (2ND ED).
1. ILE JUAN DE NOVA LIGHT 17-03.1S 042-41.8E UNLIT.
2. CANCEL HYDROPAC 1765/02(71).
3. CANCEL HYDROPAC 1447/03.
(010640Z SEP 2003)
- 1506/03(63). INDIA-EAST COAST.
13 METER F/V SONA, GREY HULL, FOUR PERSONS ON BOARD,
UNREPORTED VICINITY VISHAKHAPATNAM (17-30N 083-30E).
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.
(010910Z SEP 2003)
- 1507/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 041030Z TO 041230Z SEP
WITHIN 13 MILES OF 22-28.7N 069-04.0E.
2. CANCEL THIS MSG 041330Z SEP.
(011040Z SEP 2003)
- 1508/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0030Z TO 1230Z DAILY 04 THRU 06 SEP
IN AREA BOUND BY 19-14.6N 084-53.7E,
19-10.5N 085-01.0E, 19-01.7N 084-56.8E,
19-05.1N 084-48.4E, 19-12.6N 084-51.6E.
2. CANCEL THIS MSG 061330Z SEP.
(011045Z SEP 2003)
- 1509/03. CANCELED.
- 1510/03(81). NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 14-32.4N 144-58.5E
AT 011426Z SEP. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD GUAM.
(011522Z SEP 2003)
- 1511/03(GEN). NORTH PACIFIC. RUSSIA. ALASKA.
1. LORAN-C STATION PETROPAVLOVSK, RATE 5980-MASTER, OFF AIR.
2. LORAN-C STATION ATTU, RATE 5980-X, UNUSABLE.
(020855Z SEP 2003)
- 1512/03(16,19). NORTH PACIFIC.
1. SURVEY OPERATIONS 07 AND 08 SEP
BY M/V KAIREI TOWING 300 METER
LONG CABLE IN AREA BETWEEN
30-00N 40-00N AND 170-00E 175-00W.
2. CANCEL THIS MSG 09 SEP.
(020920Z SEP 2003)
- 1513/03(81,97). NORTH PACIFIC.
1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 14 SEP
BY M/V HAKUREI MARU NO. 2 IN AREA BOUND BY
30-00N 135-00E, 20-00N 141-00E,
15-00N 137-30E, 15-00N 132-30E,
20-00N 135-00E, 25-00N 132-30E,
25-00N 130-00E, 27-30N 130-00E,
30-00N 132-30E.
2. CANCEL THIS MSG 15 SEP.
(021005Z SEP 2003)
- 1514/03(62). RED SEA.
CHART 62230 (2ND ED).
RACON AT QAD IBN HADDAN LIGHT 27-48.2N 034-06.0E OFF AIR.
(021630Z SEP 2003)
- 1515/03(83). SAMOA ISLANDS.
CHART 83026 (32ND ED).
STEPS POINT LIGHT 14-22.5S 170-45.4W UNLIT.
(022154Z SEP 2003)

- 1516/03(23,29). SOUTH ATLANTIC. ANTARCTICA. ICE.
 1. ICEBERGS REPORTED ON 02 SEP:
 A. A-38A, 22 MILES BY 48 MILES IN 59-12S 044-00W.
 B. A-38B, 22 MILES BY 25 MILES IN 57-48S 045-48W.
 C. A-38D, TWO MILES BY TEN MILES IN 58-00S 041-42W.
 D. A-43A, 14 MILES BY 35 MILES IN 66-12S 058-00W.
 E. A-43C, 24 MILES BY 41 MILES IN 57-12S 059-48W.
 F. A-43E, TEN MILES BY 14 MILES IN 67-24S 059-48W.
 G. A-43F, 22 MILES BY 24 MILES IN 66-18S 058-18W.
 H. A-43I, TWO MILES BY 12 MILES IN 59-12S 035-48W.
 I. A-48, NINE MILES BY TEN MILES IN 59-24S 043-24W.
 J. A-49, ONE MILE BY TEN MILES IN 63-06S 052-00W.
 K. A-50, ONE MILE BY TEN MILES IN 59-00S 050-30W.
 2. CANCEL THIS MSG 10 SEP. (030320Z SEP 2003)
- 1517/03(62). PERSIAN GULF.
 SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
 BY M/V CGG FOHN TOWING SIX 3.5 MILE LONG CABLES
 IN AREA BETWEEN 25-45N 26-20N AND 051-45E 052-20E.
 WIDE BERTH REQUESTED. (030840Z SEP 2003)
- 1518/03(62). RED SEA.
 CHART 62230 (2ND ED).
 RACON AT RAS UMM SID LIGHT 27-51.0N 034-18.9E OFF AIR. (030950Z SEP 2003)
- 1519/03(96). BERING SEA.
 1. SURVEY OPERATIONS 04 THRU 30 SEP BY
 M/V ZEPHYR I TOWING 5000 METER LONG
 CABLE IN AREA BOUND BY
 60-23N 169-36E, 59-54N 169-40E,
 57-39N 163-40E, 57-46N 163-15E,
 58-56N 165-03E.
 THREE MILE BERTH REQUESTED.
 2. CANCEL THIS MSG 01 OCT. (031020Z SEP 2003)
- 1520/03. CANCELED.
- 1521/03(22). CHILE. GUNNERY.
 1. GUNNERY EXERCISES 082300Z TO 090200Z SEP
 IN AREA BETWEEN
 19-30S 19-40S AND 070-28W 070-20W.
 2. CANCEL THIS MSG 090300Z SEP. (032245Z SEP 2003)
- 1522/03. CANCELED.
- 1523/03(74). AUSTRALIA-NORTHWEST COAST.
 1. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER
 NOTICE BY M/V CSO VENTURER IN AREA BETWEEN
 20-12S 20-05S AND 116-31E 116-40E.
 1.5 MILE BERTH REQUESTED.
 2. CANCEL HYDROPAC 1501/03. (040550Z SEP 2003)
- 1524/03(61). MADAGASCAR-NORTH COAST.
 11 METER S/V FOU BALADIN, THREE PERSONS ON BOARD, DISMASTED
 AND ADRIFT VICINITY CAP D'AMBRE (11-45S 049-10E). VESSELS
 IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
 IF POSSIBLE. REPORTS TO MRCC LA REUNION,
 INMARSAT: 42279 9193, TELEX: 916140,
 PHONE: 2622 6243 4343, FAX: 2622 6271 1595. (040840Z SEP 2003)
- 1525/03(95,96). SEA OF JAPAN. GUNNERY.
 1. GUNNERY EXERCISES 2200Z TO 0200Z COMMENCING DAILY
 04 AND 07 THRU 11 SEP AND 0500Z TO 1300Z DAILY
 04, 05 AND 08 THRU 12 SEP WITHIN
 5.5 MILES OF 42-49.7N 131-21.8E.
 2. CANCEL THIS MSG 121400Z SEP. (041015Z SEP 2003)
- 1526/03(91,94,97). NORTH PACIFIC.
 1. DERELICT 145 METER M/V ANUGRAH SAKTI ADRIFT
 IN 19-01.6N 122-26.8E AT 040200Z SEP.
 2. CANCEL HYDROPAC 1520/03.
 3. CANCEL THIS MSG 11 SEP. (041120Z SEP 2003)

1527/03(63). INDIA-NORTHEAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 15 SEP BY
M/V C-ORION TOWING SIX 5000 METER LONG CABLES
IN AREA BOUND BY 20-13.0N 087-27.0E,
20-17.1N 087-12.0E, 20-34.8N 087-09.8E,
20-34.8N 087-53.8E. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 16 SEP.

(041140Z SEP 2003)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 4 September 2003: 00-7, 01-1, 01-7, 02-2, 02-5, 02-7 and 03-4.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002 and in Notice to Mariners 14/03.

SPECIAL WARNINGS in force 4 September 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION**DISCONTINUANCE OF 121.5 AND 243 MHZ FOR SATELLITE DISTRESS ALERTS**

The Cospas-Sarsat Program has announced plans to terminate satellite processing of distress signals from 121.5 and 243 MHz emergency beacons on February 1, 2009. Users of the system will have to switch to emergency beacons operating at 406 MHz, which are more reliable and provide search and rescue agencies complete information that they need to do their job, in order to be detected by satellites.

Reasons for the Cospas-Sarsat program to discontinue use is driven by guidance from the International Maritime Organization (IMO) and the International Civil Aviation Organization (ICAO). These two agencies are responsible for regulating the safety of ships and aircraft on international transits and handle international standards for maritime and aeronautical search and rescue missions. In addition, 121.5 MHz false alerts inundate search and rescue resources which impact the effectiveness of lifesaving services.

Individuals who plan on buying a new distress beacon may wish to take the Cospas-Sarsat decision into account.

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NIMA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NIMA's products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

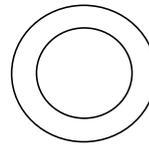
Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NIMA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of NIMA's Bathymetric Data Base. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL IMAGERY AND MAPPING AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



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ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address _____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Date of Removal _____

If observed, Date _____ Time (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

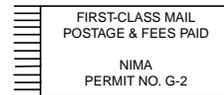
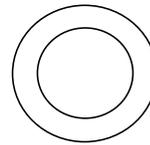
Sounding sensor or method used _____

Sounding(s) corrected for draft: Yes _____ No _____

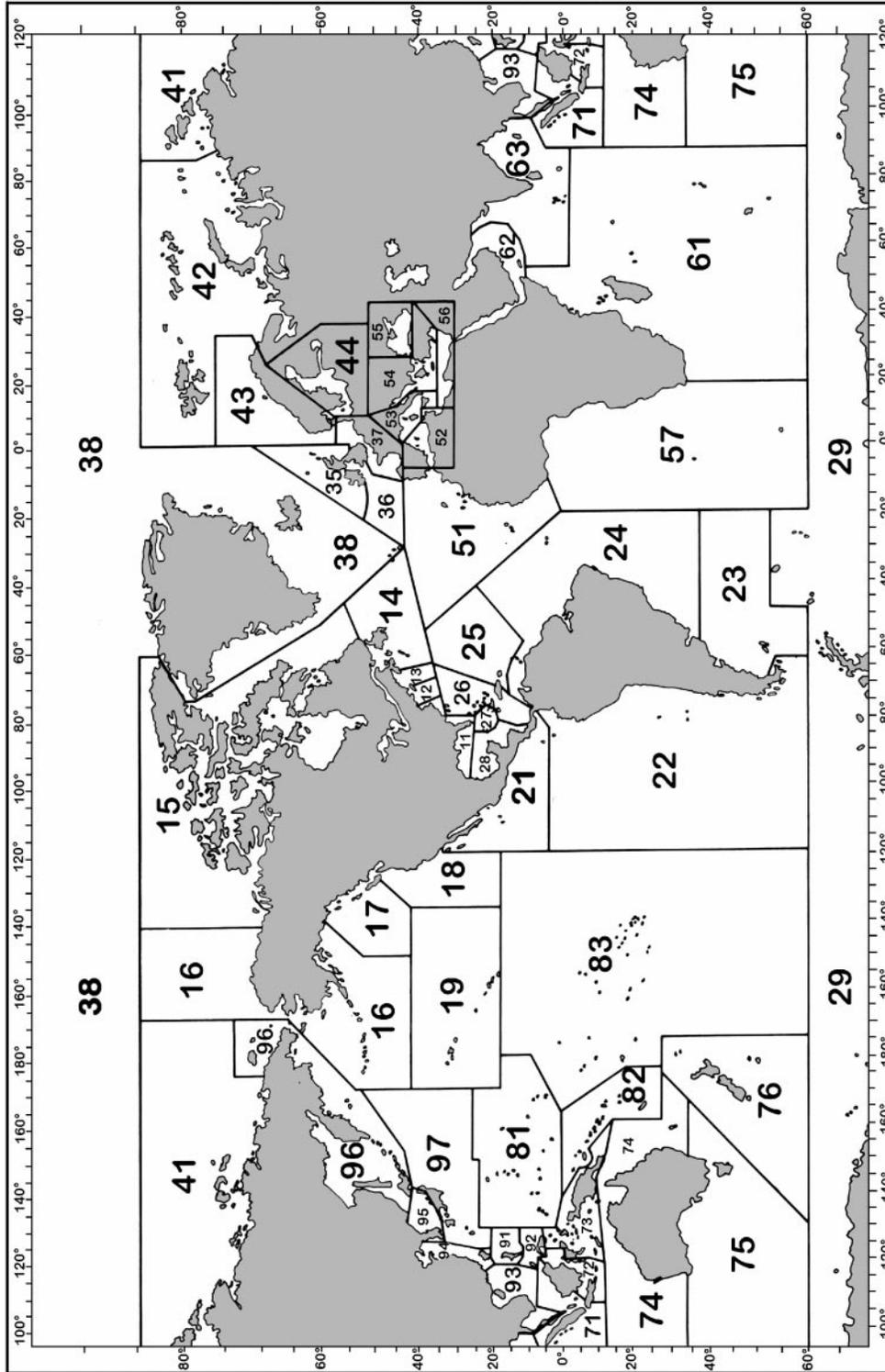
Details of Information Reported (continue on additional sheets as necessary): _____



**MARITIME SAFETY INFORMATION DIVISION
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NATIONAL IMAGERY AND MAPPING AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Sub-region number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

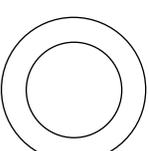
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